## DESIGN GUIDELINE 8.3

### MECHANICAL PREFERRED MANUFACTURERS LIST

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INTRODUCTION:
Manufacturers on this list fall into three categories:

Preferred Manufacturer: Listed manufacturer's product may be used on U-M projects. However, manufacturer's product must be listed as approved in the project's contract documents or specifications. Listing in the PML does not guarantee a product will automatically be listed in a project's documents or specifications.

Conditional Approval: Listed manufacturer's product may be used on select U-M projects, however approval from the respective A & E Technical Committee must first be obtained. If approved, it may be listed as approved in the project's contract documents or specifications. Manufacturers in the Conditional Approval category have gone through successful preliminary review, but Technical Committee requires additional in-service input prior to final category listing.

Under Consideration: Listed manufacturer's product is being evaluated. The product should not be included in U-M projects.

SECTION 211313 (15300) - WET-PIPE SPRINKLER SYSTEMS

Preaction Systems
Siemens (Pyrotronics), Notifier, Viking

Piping - Grooved
Tyco Grinnell, Victaulic

Sprinkler Heads
Reliable
Tyco
Viking
Victaulic

Tamper Switches
Grinnell, System Sensor, Victaulic

Valves - Fire Protection, Detector Check
Grinnell
Reliable
Viking
Victaulic
Hersey-Anvil
Ames

Valves - Fire Protection, Zone Control
Grinnell
Victaulic
Milwaukee
Nibco
Stockham
SECTION 213113 (15320) - FIRE PUMPS

Pumps - Fire
Allis-Chalmers
Aurora
Peerless

SECTION 220000 - UNDERGROUND PIPING IN CONDUIT SYSTEM

Piping Systems - Underground
Perma-Pipe, Rovanco, Under Consideration: Urecon

SECTION 220500 (15010) - COMMON WORK RESULTS FOR MECHANICAL

Fasteners
Refer to UM Master Specification

Fire Stopping
3M, Hilti, Tremco, Manville

Roof Curbs
Pate
Creative Metals
Roof Curbs Engineered and Manufactured by the Manufacturer of the Equipment to be supported

SECTION 220513 (15170) - MOTORS

Motors - General, Premium Efficiency Type Only - 1/2 HP and above
Reliance, Baldor, Dayton, GE, Toshiba, Leeson, Marathon, U.S. Motors

SECTION 220514 (15960) - VARIABLE FREQUENCY DRIVES

Variable Frequency Drives (and variable speed controllers)
Danfoss-Graham, Toshiba, ABB

SECTION 220516 (15125) - PIPE EXPANSION JOINTS

Expansion Joints - Bellow Type
Flexonics, Metraflex, Microflex, Twin City Hose

Expansion Joints - Externally Pressurized
Hyspan, ATS

SECTION 220519 (15130) – THERMOMETERS, PRESSURE GAUGES, AND ACC’S

Pressure Gauges
Dwyer, H.O. Treice, Weksler, Marsh, Ashcroft, Weiss, Miljoco

Pressure & Temperature Plugs
Pete’s Plug, Schrader, Sisco, Miljoco

Thermometers
Industrial Glass: H. O. Treice, Weksler, Marsh, Ashcroft, Weiss, Miljoco
Electronic Digital (light powered): Weiss, Techcontrols, Miljoco

SECTION 220523 (15100)- VALVES
PSE Inc.
ITT Bell & Gossett Circuit Setter
Taco
Ellison Annubar
Accuset
Armstrong
T & A (part of Victaulic)
Flow Design Inc

Valves - Automatic Hydronic Regulating/Balancing
Auto-Flow (press. indep.)
Griswold (press. indep.)
B & G (press. indep.)

Valves - Manual Hydronic Regulating
B & G
T & A
Armstrong
Taco
Flow Design

Valves - Ball With Lever Handle
Pegler
Crane
Grinnell
Watts
Jomar
Milwaukee
American Valve
Nibco
Apollo
Hammond

Valves - High Performance Butterfly
Bray
Crane Flowseal
Dezurik,
Fisher Not specified in MS 220523
Grinnell-GHP,
Jamesbury
Milwaukee
Tri-Seal-Valve-Contromatics (formerly Watts/KF Contromatics)
Xomox.

Valves - Lubricated Plug
Honestead, Milliken, Resun

Valves - Gas (UL Approved)
Pegler
Jomar
Watts
Grinnell
Crane
Milwaukee "Butter Ball" MS 15100 "Butter Ball" not specified.
Nibco
Hammond
Jamesbury
Apollo
American Valve

**Valves - Gate**
- Watts
- Crane
- Milwaukee
- Grinnell
- Stockham
- Nibco
- Hammond

**Valves - Swing Check**
- Milwaukee
- Crane
- Grinnell
- Nibco

**Valves - Silent Check**
(except tunnels) Milwaukee, APCO, Mueller, Metraflex
Utility tunnels:
- a. 2" and under: Check All
- b. over 2" - Durabula, stainless body

**Valves - City Water Main (Ann Arbor) (formerly OS&Y)**
- Kennedy 4068
- Mueller A-2380
- East Jordan Series A
- Other valves specifically approved by the City of Ann Arbor for this application
  3 piece full port ball valve: Conbraco (rep. J.O. Galloup)

**SECTION 220533 (15128) – HEAT TRACING FOR PIPING**

**Heat Tracing**
- Raychem, Thermon

**SECTION 220548 (15240) - VIBRATION CONTROL**

**Vibration Isolators**
- Amber Booth, Korfund, Mason, Vibration Eliminator, Vibration Isolation Co.

**SECTION 220553 (15190)- MECHANICAL IDENTIFICATIONS**

**Pipe Markers**
- Brady Co. (Signmark Div.), Brimer, Craftmark, Kolbi, MSI (Marking Services Inc.), Seton Name Plate

**SECTION 220719 (15250)- MECHANICAL SYSTEMS INSULATION**
Insulation - Duct/ Pipe/ Equipment - Fiberglass
  Owens Corning
  Knauf
  Schullers (Johns Manville)
  Armstrong
  Pittsburg-Corning
  Certainteed
  Johns-Manville

Insulation - Flexible/ Elastomeric/ Polyolefin
  AP Armaflex, IMCOA, Nomaco K-Flex, Rubatex

Insulation - PVC Covering, Elbows and Fittings
  Proto
  Zeston
  Ceelco

Insulation - Removable Jackets
  Q-Master by ESI
  Insulation Tech. Inc.

SECTION 221113 (15060) - PIPING MATERIALS & METHODS

Grooved Joints for Copper and Steel Piping (except tunnels):
  Victaulic, Tyco Grinnell.

Grooved Joints for Copper Piping In Tunnels:
  Victaulic Style 607

Dielectric Fittings
  Refer to UM Master Specification

Flexible Metal Hose Connectors (Stainless)
  Flex Hose Co., Flexonics, Mason, Metraflex
  Under Consideration: Twin City Hose

Flexible Metal Hose Connectors (Copper)
  Anaconda, Flex Hose Co., Flexonics, Mason, Metraflex

Flexible Connectors (Rubber)
  Flex Hose Co., Flexonics, Garlock, Mason, Mercer Rubber Co., Metraflex

Pipe Hangers and Mechanical Supports
  Anvil, Cooper B-Line, Carpenter & Paterson, PHD Manufacturing, Unistrut, Powerstrut

Thermal Hanger Shield Inserts
  Cooper B-Line, ERICO International Corp, Pipe Shields Inc., Rilco Manufacturing
  Company, Value Engineered Products, American Mechanical Insulation Sales

Piping - Lab Waste and Vent (Polypropylene)
  Enfield, Orion, Zurn

Strainers - Steam & Water
  Keckley
  Yarway
  Mueller
  Spirex-Sarco
Valves - Safety Relief
Spirax-Sarco
Watts
Leslie
Anderson-Greenwood
Conbraco
Keckley

SECTION 221119 (15411) - DOMESTIC WATER PIPING SPECIALITIES

Backflow Preventers
Ames
Conbraco
Febco
Watts
Zurn-Wilkins

Hydrants - Wall Type
Woodford
Zurn
Chicago
J.R. Smith

Vacuum Breakers - Backflow Prevention
Kewaunee
Chicago Water Saver
Bell & Gossett
Watts
Conbraco

Valves - Water Pressure Regulating
Bell & Gossett, Conbraco, Hoffman, Keckley, Leslie, Spirax Sarco, Watts

Water Hammer Arrestors
Zurn
Watts
J.R. Smith
Sioux Chief
Wade

SECTION 221319 (15420)- DRAINAGE SPECIALITIES

Drains - Roof, Floor and Trench, Grease Interceptors
Josam
J.R. Smith
Zurn
Wade
Watts
Sioux Chief
Under Consideration: MIFAB (V.E. Sales Co.)

**SECTION 221500 (15481) - COMPRESSED AIR ACCESSORIES**

**Air Compressors - Screw Type (1800 RPM)**
- Atlas - Copco
- Quincy QSI Series

**Air Compressors - Reciprocating**
- Quincy
- Gast
- Devilbliss

**Air Dryers and Related Filters**
- Wilkinson
- Zeks
- Van-Aire
- Hankison

**Air Pressure Reducing Stations**
- Van-Aire
- Zeks
- Parker-Hannifin
- Fisher
- Siemens
- Wilkerson

**SECTION 223116 (15455) - WATER SOFTENER**

**Deionized Water and Reverse Osmosis Water Suppliers**
- Crown Solutions (Veolia)
- Siemens/U.S. Filter
- Ionpure
- Millipore

**Water Treatment Equipment - Softeners**
- Crown Solutions (Veolia)
- Burmah / Venture (H.V. Burton)
- Bruner (K.L. McCoy)

**Water Treatment Equipment**
- Refer to U-M Master Specifications

**SECTION 224200 (15440) - PLUMBING FIXTURES**

**Domestic Water Heaters - Gas Fired Or Electric**
- Lochinvar
- A.O. Smith
- State
- Rheem
Raypak
Under Consideration: Copper Fin (Quality water & air)

**Emergency Shower And Eyewash**
- Bradley, Haws, Speakman

**Faucets - Automatic, Battery and Electric Type**
- American Standard, Chicago Faucets, Sloan, Zurn

**Faucets - Manual**
- American Standard, Chicago Faucets, Moen

**Plumbing Fixtures - Water Closets, Lavatories, Urinals And Sinks**
- **Lavatories:**
  - American Standard, Crane, Kohler, Sloan, Zurn
- **Urinals:**
  - American Standard, Kohler, Sloan, Zurn
- **Water Closets:**
  - American Standard, Crane, Kohler, Sloan

**Shower Heads**
- American Standard, Chicago Faucet, Kohler, Speakman, Symmons

**Toilet Room Fixture Supports**
- Josam, J.R. Smith, Wade, Watts, Zurn

**Toilet Seats**
- Bemis, Centoco, Church

**Valves - Flush Including Automatic Flushing System**
- Sloan, Kohler, Zurn

**Valves - Shower Control Valves**
- American Standard, Chicago Faucet, Kohler, Powers, Speakman, Symmons

**Valves - Thermostatic Mixing for Handwashing**
- Powers, Symmons, Wilkins

**Water Coolers**
- Halsey Taylor, Haws, Oasis International

**Water Filters - Inline Type**
- Cuno
- Filtrine
- Honeywell
- Culligan
- Dollinger
- Bruner

**SECTION 230000 - AIR COOLED CONDENSING UNITS**

**Air Cooled Condensers**
- Bohn, Dunham Bush, McQuay, Trane, York

**Refrigeration Compressors**
- Copeland, Dunham Bush, McQuay, Tecumseh, Trane, York

**SECTION 230000 - AIR COOLED PACKAGED CHILLERS**
**Chillers - Reciprocating, Air-Cooled**  
Trane, York by Johnson Controls  
Under Consideration: Carrier.

**Chillers - Process Cooling**  
Filtrine, Liebert, Trane, Neslab

**Refrigeration Compressors**  
Tecumseh, Copeland, Trane, York, McQuay

**SECTION 230000 - DUCTLESS SPLIT ROOM AIR CONDITIONERS- AIR COOL**

**Air Conditioning Units - Ductless, Spot Coolers**  
Daikin, Friedrich, Liebert, Mitsubishi, Sanyo, Trane

**SECTION 230000 - HEAT EXCHANGERS & CONVERTERS**

**Dry Coolers**  
McQuay, Trane, York, Bohn

**Convertors (Shell & Tube) - Steam To Hot Water**  
Bell & Gossett, Taco, Armstrong, Mueller

**Heat Exchanger - Plate & Frame**  
Alpha-Laval, Armstrong, Bell & Gossett, Mueller, Tranter

**Laser Heat Exchangers - Water Cooled**  
Haskris  
Remcor  
Neslab  
Laser Pure (Coherent)

**SECTION 230000 - HUMIDIFIERS**  
Armstrong, Cemline, Dri-Steam, Herrmidifier, Nortec, Pure, Spirax-Sarco, Stulz

**SECTION 230000 – HVAC WATER TREATMENT**

**Chemical Service Providers**  
Chemtreat  
Crown Solutions  
GE Water  
Kroff  
Mitco  
Nalco  
Rochester Midland

**HVAC Water Treatment Equipment**  
Refer to U-M Master Specifications

**SECTION 230000 - MULTIMEDIA FILTRATION SYSTEM**

**Acceptable Manufacturers**
Crown Equipment Systems, PEP Filters, Everfilt

**SECTION 230000 - PACKAGED COMPUTER ROOM AIR CONDITIONING SYSTEM**

**Air Conditioning Units - Computer Room**
   APC, Liebert, Stulz

**SECTION 230000 - PACKAGED HEAT TRANSFER UNITS**
   Bell & Gossett

**SECTION 230000 - PACKAGED TERMINAL AIR CONDITIONERS, AIR-COOLED**

**Air Conditioning Units - Package Type (thru the wall self-contained DX)**
   IslandAire, McQuay, Trane, York

**Air Conditioning Units - Window Type (Flush installation with wall exterior)**
   Comfort-Aire, Fedders, White Westinghouse

**SECTION 230000 - STEAM ABSORPTION CHILLER**

**Chillers - Absorption**
   Trane, York by Johnson Controls

**SECTION 230000 - STEAM CONDENSATE RETURN UNITS**

**Condensate Meters - Gravity Type** - no longer used

**Condensate Receiver**
   ITT Domestic, Skidmore, Shipco, Spirax-Sarco

**Condensate Meters - Magnetic Induction**
   Refer to U-M Master Specification 230900

**Pumps - Boiler Feed**
   Skidmore, Spirax-Sarco, Shipco, Weinman

**Pumps - Condensate (Condensate Receiver Must Be Cast Iron)**
   ITT Domestic (Hoffman), Skidmore, Spirax-Sarco, Shipco, Weinman

**Pumps - Condensate, Steam Or Air Pressure Powered**
   Sarco, Armstrong

**SECTION 230000 - TERMINAL UNITS**

**Baseboard Radiation, Finned Tube Radiation**
   Dunham-Bush, Rittling, Slantfin, Sterling Radiator, Trane, Vulcan Radiator

**Panel Radiators**
   Jaga, Runtal Radiator, Sterling

**Conectors**
   Dunham-Bush, Rittling, Sterling, Trane

**Unit Heaters**
   Dunham-Bush, McQuay, Modine, Reznor, Rittling, Sterling, Trane, Wing
Cabinet Heaters
Dunham-Bush, McQuay, Modine, Rittling, Sterling, Trane

Unit Ventilators
American Air Filter, Trane

Electric Cabinet Heaters
Berko, Qmark, Trane

Electric Heating Coils
Brasch, Chromalux, Indeeco, Trane

Gas Fired Duct Furnaces
Modine, Reznor, Sterling, Trane

Radiant Ceiling Panel - Hot Water
Aero-Tech, Air-Tex, Sun-El, Sterling/TWA

SECTION 230593 (15990) - TESTING, ADJUSTING AND BALANCING

TAB Sub-Contractors
Absolut, Air Flow Testing, Enviroaire - Total Balance

SECTION 230900 (15975) - MECHANICAL SYSTEMS CONTROLS
Because of the extensive amount of control components, approved manufacturers are listed in U-M Master Specification 230900.

SECTION 230910 (digital), 230920 (15910- analog) - LABORATORY TERMINAL AIR FLOW UNITS & CONTROLS

Fume Hood Monitors
Phoenix,

Laboratory Terminal Airflow Units (LTAUs)
Phoenix

SECTION 230930 (15635) - REFRIGERANT DETECTION AND ALARM

Acceptable Manufacturers
MSA Corporation

SECTION 231123 (15488) – FACILITY NATURAL GAS PIPING

Master Gas Valve Boxes
Ohmeda
Mueller

SECTION 232116 (15515) - HYDRONIC PIPING SPECIALTIES

Automatic & Manual Air Vents
Armstrong, B & G, Hoffman, Wheatley, Taco

Suction Diffusers
Armstrong, B & G, Grinnell, Taco, Victaulic, Wheatley

Triple Duty Valves
Armstrong, B & G, Taco, Wheatley
**Water Pressure Relief Valve**  
ITT B & G, ITT McDonnell Miller, Consolidated, Watts

**Water Pressure Regulating/Reducing Valve**  
B & G, Hoffman, Watts

**Air Separators**  
Amtrol, Armstrong, B & G, Spirotherm, Wheatley

**Coalescing Separator**  
Spirotherm (Spirovent Dirt HV)

**Expansion Tank**  
Amtrol, Armstrong, Bell and Gossett, Wessels, Taco CA

**Centrifugal Separator**  
Griswold Controls, Lakos

**In-Line Filters**  
Bruner, Culligan, Cumo Dollinger, Honeywell

**Glycol Feed Packages**  

**Inhibited Ethylene Glycol**  
Dowtherm SR-1

**SECTION 232123 (15160) – PLUMBING AND HYDRONIC PUMPS**

**Pumps - Condensate Waste**  
Little Giant, Hartell, Marsh, Bekette

**Pumps - Double Suction - Base Mounted**  
Bell & Gossett (ITT), Allis-Chalmers, Weinman, Armstrong, Paco

**Pumps - End Suction, Close Coupled - Base Mounted**  
Bell & Gossett (ITT), Allis-Chalmers, Weinman, Armstrong, Taco

**Pumps - End Suction, Flexibly Coupled - Base Mounted**  
Bell & Gossett (ITT), Allis-Chalmers, Weinman, Armstrong, Taco

**Pumps - In-Line Circulators**  
Bell & Gossett (ITT), Armstrong, Grundfos, Weinman, Taco

**Pumps - In-Line Close Coupled - Hanger Supported**  
Bell & Gossett (ITT) Series 60, Grundfos, Armstrong, Weinman, Taco 1600

**Pumps - In-Line Split Coupled - Base Mounted**  
Bell & Gossett (ITT) Series 80-SC, Grundfos, Armstrong, Weinman, Taco KS Vertical Split Coupled

**Pumps - Sump Pumps**  
Vertiflo (B&G), Allis Chalmers, Weinman, Armstrong, Zoller, Weil  
Under Consideration: Aurora / Hydromatic (K.L. McCoy)

**Pumps - Vacuum**  
Nash  
Domestic  
Sehi
Shipco
Under Consideration: Skidmore (K.L.McCoy), Busch (Kerr pump & supply)

SECTION 232216 (15525) - STEAM AND CONDENSATE PIPING SPECIALTIES

Steam Pressure Reducing Stations
Armstrong, Jordan, Leslie, Spence, Spirax-Sarco, Watts Anderson-Greenwood

Steam Traps - All Types
Armstrong, Spirax Sarco, Hoffman (ITT), Watson McDaniels

Flash Tank, Vacuum Breaker, Drip Pan Elbow, Pressure Reducing Valve
Refer to U-M Master Specification

SECTION 232300 (15530) - REFRIGERANT PIPING

Valves - Refrigeration
Asco, Hansen, Henry Valve, Parker, Sporlan

SECTION 232519 (15188) - STEAM BOILER CHEMICAL WATER TREATMENT
Refer to master specification 232519
Seton

SECTION 233100 (15890) - HVAC DUCTS & CASINGS

Exhaust Ductwork - PVC Coated
United McGill, Tangent, Foremost, Semco

Exhaust Ductwork - Teflon Coated Stainless Steel
Fab-Tech (PermaShield Pipe)

Exhaust Ductwork - FRP
Perry, Spunstrand, Tangent

Flexible Non-Metallic Duct
Atco (Flex-Aire), Flexmaster, Hart & Cooley (Genflex)

Double-Walled Panels, Plenums, and Duct at Outside Air Intake Plenums
McGill Airflow LLC., Semco Mfg Co., VAW Systems, Vibro-Acoustics

Clothes Dryer Vent Ductwork
Intended for heavy use clothes dryer applications such as resident hall laundry rooms with multiple dryers where access to disassemble duct for periodic cleaning may be challenging. For simple dryer applications, specifying conventional duct may be more appropriate.
Nordfab Quick-Fit/ACS of Fenton, Missouri

Duct Sealants
Hardcast, McGill Airflow LLC., Polymer Adhesives, Ductmate, Childers/Foster

SECTION 233300 (15895) - AIR DUCT ACCESSORIES & RGDs

Duct Flexible Connectors
Ductmate, Duro-Dyne, Fanair, Pathway, United McGill, Ventglas

Dampers - Fire, Smoke, Combination Fire/Smoke
Air Balance, American Warming & Vent, Greenheck, Nailor, Ruskin, Vent Products
Dampers - Balance (manual volume control)
    American Warming & Vent, Arrow, Flexmaster (for round ducts, single branch takeoff only), Ruskin, Greenheck, Krueger, Vent Products, Young Regulator

Dampers - Iris
    Continental Fan Manufacturing Inc.

Dampers - Backdraft
    Young Regulator Company.
    American Warming & Ventilating Co.
    Vent Products Co., Inc.
    Arrow United Industries.

Sound Attenuators
    IAC, Semco, Ruskin, United McGill, VAW Systems, Vibro-Acoustics, Price

Registers, Grilles and Diffusers
    Carnes, E.H. Price, Krueger, MetalAire, Nailor, Titus, Tuttle & Bailey

Louvers
    American W. & V., Ruskin, Vent Products

Ductwork Cleaning Specialist
    Sani-Vac, Power Vac, High Tec Vacuum, Aero Filters Inc., Stanley Steemer Great Lakes Inc.

SECTION 233400 (15870)- FANS

Fans: All types except Vane and Tube Axial, FRP, High-Plume Induction Lab Type
    Aerovent, Acme, Barry Blower, Buffalo, Carnes, Greenheck, Loren Cook, Penn, Trane, Twin City

Fans - High-Plume Induction-Type Lab Exhaust
    Greenheck - Vektor, Strobic,

Fans - FRP Construction
    M.K. Plastics
    Under Consideration: Harrington

Fans - Vaneaxial, TubeAxial
    Buffalo, Cook, Greenheck, Joy, Trane, Woods

SECTION 233600 (15896)- AIR TERMINAL UNITS

VAV, CAV, Dual Duct, and Retrofit Terminal Air Flow Units
    Carnes, Titus, Krueger, Metaaire, Nailor Industries, Inc., Price Industries, Tuttle and Bailey

SECTION 234000 (15885)- HVAC AIR CLEANING DEVICES

Primary Filters, Secondary Filters and Filter Housing Rack
    American Air Filter, Camfarr, Eaton, Flanders, Purolator, Tri-Dim
HEPA Filters
   Camfarr, Eaton, Flanders

Gas Adsorption Filters
   American Air Filter, Camfarr, Charcoal Service Corp., Flanders, Purolator

Filter Gauges
   Bacharach Instrument Co., Deiterich Standard Corp., Dwyer, Moeller Instrument Co.

SECTION 235100 (15575) - BREECHINGS, CHIMNEYS, AND STACKS

Boiler Stack
   Metalbestos, Metal-Fab, Van Packer, Schebler, AMP Co

SECTION 235240 (15558) - FIRE TUBE BOILERS (STEAM)

Boilers
   Bryan, Unilux, Burnham, Cleaver Brooks, Johnston

SECTION 236416 - CENTRIFUGAL WATER CHILLERS

Chillers - Centrifugal
   Trane, York by Johnson Controls

Chillers - Screw or Scroll
   Dunham-Bush
   York by Johnson Controls
   Trane

SECTION 236500 (15710) - COOLING TOWERS

Cooling Towers
   Baltimore Air Coil, Marley, EVAPCO

SECTION 237213 - ROTARY AIR TO AIR ENERGY RECOVERY WHEELS
   Semco, Desicant Rotors International

SECTION 237323 (15854) - CUSTOM AIR HANDLING UNITS

Air Handlers

Air Blenders
   Blender Products Inc., R.M. Products

Gas Fired Make-Up Air Units (direct and indirect)
   Rapid, Reznor, Sterling, Trane
   Under Consideration: Modine (Air Design), Greenheck

SECTION 237324 (15855) - SEMI-CUSTOM AIR HANDLING UNITS

Air Handlers
   Air Flow Equipment, Buffalo Air Handling, Governair LLC, Mafna Air Conditioning, Inc., McQuay, Thermal Corporation,
TMI Custom Air Systems, Trane, Ventrol

**Air Blenders**
Blender Products Inc., R.M. Products

**SECTION 238216 (15820) - COILS AND DRAIN PANS**
Aerofin, Heatcraft, Marlo, McQuay, Trane, USA Coil, Ventrol, York, Coil Replacement Co

**SECTION 238219 (15763)- FLOOR MOUNTED FAN COIL UNITS (UN-DUCTED)**
Airtherm, Enviro-Tec by Johnson Controls, International Environmental Corporation, Zehnder Rittling

**SECTION 238220 (15764) - HORIZONTAL FAN COIL UNITS**

**SECTION 238221 (15765) - BLOWER COIL UNITS**
Airtherm, Enviro-Tec by Johnson Controls, International Environmental Corporation, Mcquay International, Price, Trane