

# **Equipment Schedules**

## **22.01 General**

**A. The equipment requirements listed in this section are general in nature and should be edited to the suit the project. The items listed for a particular piece of equipment are generally not all required. For example, a variable volume terminal unit will have either a hot water coil or steam coil, but not both. Also some Clients and Authorities Having Jurisdiction may not permit some of this information to be included on the drawings (i.e., Manufacturer's Name and Model No.).**

### **B. Abbreviations**

1. CFM = Air Flow Rate (Cubic Feet per Minute)
2. GPM = Water Flow Rate (Gallons per Minute)
3. MBH = 1,000 Btu/Hr.
4. Hp = Horsepower
5. DB = Dry Bulb Temperature (°F.)
6. WB = Wet Bulb Temperature (°F.)
7. RH = Relative Humidity (%)
8. EAT = Entering Air Temperature (°F.)
9. LAT = Leaving Air Temperature (°F.)
10. EWT = Entering Water Temperature (°F.)
11. LWT = Leaving Water Temperature (°F.)
12. SP = Static Pressure (In. WG)
13. ESP = External Static Pressure (In. WG)
14. Total SP = Total Static Pressure (In. WG)
15. FLA = Full Load Amps
16. LRA = Locked Rotor Amps
17. FPM = Feet per Minute
18. Air PD = Air Pressure Drop (In. WG)
19. Water PD = Water Pressure Drop (Ft. H<sub>2</sub>O)
20. PRV = Pressure Reducing Valve (Psig)
21. RV = Relief Valve (Psig)
22. Psig = Pounds per Square Inch
23. SA = Supply Air CFM
24. RA = Return Air CFM
25. OA = Outside Air CFM
26. EXH = Exhaust Air CFM
27. RFA = Relief Air CFM
28. CC = Cooling Coil
29. HC = Heating Coil
30. PHC = Preheat Coil
31. RHC = Reheat Coil

## **22.02 Air Balance Schedule**

Room Number

Room Name

Source

Number of Occupants

Code Requirements:

OA CFM  
 SA CFM  
 Supply CFM  
 Return CFM  
 Relief CFM  
 Exhaust CFM  
 Outdoor CFM  
 Transfer Air:  
     CFM  
     To Room  
     From Room  
 Remarks

### **22.03 Air Compressors**

Designation  
 Location  
 Service  
 Type (Reciprocating, Rotary Screw, Duplex, Simplex)  
 CFM  
 Pressure Psig  
 Receiver Size:  
     Gallons  
     Diameter  
     Length  
 Motor:  
     Hp  
     RPM  
     Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.04 Air Cooled Condensers**

Designation  
 Location  
 Service  
 Type  
 Tons or MBH  
 Refrigerant Type  
 Saturated Condenser Temperature  
 Condenser EAT °F.DB/°F.WB  
 Minimum OA Temperature  
 Fans:  
     Number  
     Hp  
     Volts-Phase-Hertz

Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.05 Air Cooled Condensing Units**

Designation  
 Location  
 Service  
 Type  
 Tons or MBH  
 Refrigerant Type  
 Saturated Condenser Temperature  
 Condenser EAT °F.DB/°F.WB  
 Minimum OA Temperature  
 Compressor:  
   Number  
   KW  
   Volts-Phase-Hertz  
 Fans:  
   Number  
   Hp  
   Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.06 Air Conditioning Units**

Designation  
 Location  
 Service  
 Min. OA CFM  
 Fan:  
   CFM  
   ESP  
   Number of Wheels  
   Wheel Diameter In.  
   Motor Hp  
 Filters:  
   Type  
   Efficiency  
 Cooling Coil:  
   Refrigerant Type  
   Sensible MBH  
   Total MBH  
   EAT °F.DB/°F.WB

LAT °F.DB/°F.WB

Compressor:

Number

KW

Condenser:

EAT

Motor Hp

Exhaust Fan Motor Hp

Electric Heat:

KW

EAT

LAT

Gas Heater:

Output MBH

Input MBH

EAT

LAT

Hot Water Coil:

MBH

EAT

LAT

EWT

LWT

GPM

Steam Coil:

MBH

EAT

LAT

# Steam/Hr.

Steam Pressure Psig

Electric, Volts-Phase-Hertz

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

## **22.07 Air Filters (Pre-Filters, Filters, Final-Filters)**

Designation

Location

Equipment Served

Number

Type

Width

Height

Depth

Efficiency %

Initial Air PD

Final Air PD

Remarks

## **22.08 Air Handling Units—Custom, Factory Assembled, Factory Packaged, or Field Fabricated**

Designation

Location

Service

Min. OA CFM

Fan:

CFM

Type (AF, BI, FC, DWDI, SWSI)

Class (I, II, III, IV)

Number of Wheels

Wheel Diameter

ESP

Total SP

Motor Hp

Volts-Phase-Hertz

Filters (See Air Filters)

Coils (See Coils—DX, Electric, Steam, Water)

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

## **22.09 Air Handling Units—Packaged**

Designation

Location

Service

Min. OA CFM

Fan:

CFM

Type (AF, BI, FC, DWDI, SWSI)

No. of Wheels

Wheel Diameter In.

ESP

Total SP

Motor Hp

Volts-Phase-Hertz

Filters (See Air Filters)

Coils (See Coils—DX, Electric, Steam, Water)

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

## **22.10 Boilers, Hot Water**

Designation

Location

Service  
 Output MBH  
 Water:  
   GPM  
   EWT  
   LWT  
   Water PD  
 Heater:  
   Gas Input MBH  
   Oil Input GPH  
   Electric:  
     KW  
     Volts-Phase-Hertz  
 RV Setting  
 Accessories:  
   HP  
   KW  
   Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.11 Boilers, Steam**

Designation  
 Location  
 Service  
 Output # Steam/Hr.  
 Steam Pressure Psig  
 Feed Water Temperature  
 Heating Surface Sq. Ft.  
 Steam Drum Diameter  
 Lower Drum Diameter  
 Gas Input MBH  
 Oil Input GPH  
 Electric:  
   KW  
   Volts-Phase-Hertz  
 RV Setting  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.12 Cabinet Unit Heaters**

Designation  
 Location  
 Type (Recessed, Semi-recessed, Exposed, Concealed, Ceiling, Floor, Up Discharge, Down Discharge, Hot Water, Steam, Electric, etc.)

Fan:

CFM  
RPM  
Motor Hp  
Volts-Phase-Hertz

Hot Water Coil:

Capacity MBH  
EAT  
GPM  
EWT

Steam Coil:

Capacity MBH  
EAT  
# Steam/Hr.  
Steam Pressure Psig

Electric Coil:

KW  
Volts-Phase-Hertz

Runouts:

Supply  
Return

Manufacturers: Name and Model No.

Remarks

## **22.13 Chemical Feed Systems**

Designation

Location

Service

Pump:

Type (Positive Displacement)  
GPH  
PSI  
HP  
Volts-Phase-Hertz

Tank Gallons

Agitator:

HP  
RPM  
Volts-Phase-Hertz

Remarks

## **22.14 Chillers, Absorption**

Designation

Location

Service

Type



Refrigerant Type  
 Capacity  
   Tons Cooling  
   MBH Heating  
 Evaporator  
   EWT  
   LWT  
   GPM  
   Water PD  
 Condenser  
   EWT  
   LWT  
   GPM  
   Water PD  
 Absorber  
   Steam Pressure Psig  
   # Steam/Hr.  
   Gas Pressure In. W.G.  
   Gas Input MBH  
   Oil Input GPH  
 Heating:  
   EWT  
   LWT  
   GPM  
   Water PD  
 Electrical:  
   Hp  
   KW  
   Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.15 Chillers, Air Cooled**

Designation  
 Location  
 Service  
 Type  
 Refrigerant Type  
 Capacity Tons  
 Evaporator:  
   EWT  
   LWT  
   GPM  
   Water PD  
 Condenser Temperature  
 Condenser:  
   EAT

Fans:  
     Number  
     Hp  
 Compressor  
     Number  
     KW  
     Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.16 Chillers, Water Cooled**

Designation  
 Location  
 Service  
 Type  
 Refrigerant Type  
 Capacity Tons  
 Evaporator:  
     EWT  
     LWT  
     GPM  
     Water PD  
 Condenser:  
     EWT  
     LWT  
     GPM  
     Water PD  
 Heating (Heat Recovery Type):  
     EWT  
     LWT  
     GPM  
     Water PD  
 Compressor:  
     Number  
     KW  
     Volts-Phase-Hertz  
 Evaporator Temperature  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.17 Coils, Direct Expansion (DX)**

Designation  
 Location  
 Equipment Served  
 Service (CC, Heat Recovery)  
 Refrigerant Type

MBH  
CFM  
EAT °F.DB/°F.WB  
LAT °F.DB/°F.WB  
Maximum Face Velocity FPM  
Air PD  
Remarks

### **22.18 Coils, Electric**

Designation  
Location  
Equipment Served  
Service (PHC, HC, RHC)  
MBH  
CFM  
EAT  
LAT  
Maximum Face Velocity FPM  
Air PD  
KW  
Volts-Phase-Hertz  
Number of Control Steps  
Manufacturers: Name and Model No.  
Remarks

### **22.19 Coils, Steam**

Designation  
Location  
Equipment Served  
Service (HC, PHC, RHC)  
MBH  
CFM  
EAT  
LAT  
Maximum Face Velocity FPM  
Air PD  
# Steam/Hr.  
Steam Pressure Psig  
Runout Sizes  
    Supply  
    Return  
Remarks

### **22.20 Coils, Water**

Designation  
Location

Equipment Served  
 Service (PHC, CC, HC, RHC)  
 MBH  
 CFM  
 EAT °F.DB/°F.WB  
 LAT °F.DB/°F.WB  
 Max. Face Velocity FPM  
 GPM  
 EWT  
 LWT  
 Air PD  
 Water PD  
 Runout Size:  
     Supply  
     Return  
 Remarks

### **22.21 Condensate Pump and Receiver Sets**

Designation  
 Location  
 Service  
 Type (Simplex, Duplex)  
 GPM  
 Heat Ft. H<sub>2</sub>O  
 Motor Hp  
 Volts-Phase-Hertz  
 Tank Capacity Gallons  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.22 Convector**

Designation  
 Location  
 Type (Recessed, Semi-recessed, Exposed, Concealed, Ceiling, Floor, etc.)  
 Capacity MBH  
 EAT  
 GPM  
 EWT  
 # Steam/Hr.  
 Steam Pressure Psig  
 KW  
 Volts-Phase-Hertz  
 Runout Size  
     Supply  
     Return  
 Manufacturers: Name and Model No.  
 Remarks

## **22.23 Cooling Towers**

Designation  
 Location  
 Service  
 Type  
 GPM  
 EWT  
 LWT  
 Ambient Air °F.WB  
 Fan  
     Number  
     CFM  
     No. of Motors  
     Hp  
     ESP In. W.G.  
     Volts-Phase-Hertz  
 Nozzle PD  
 Height Difference  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.24 Deaerators**

Designation  
 Location  
 Service  
 Type  
 Number of Stages  
 Outlet Capacity Lb./Hr.  
 Storage Capacity:  
     Pounds  
     Minutes  
 Steam:  
     Lbs./Hr.  
     Psig  
 Size (Length × Diameter)  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.25 Design Conditions**

Room Number  
 Room Name  
 Summer:  
     Outside °F.DB/°F.WB  
     Inside °F.DB/%RH

Winter:

Outside °F.DB/°F.WB

Inside °F.DB/%RH

Remarks

## **22.26 Electric Baseboard Radiation**

Designation

Type (See Specification for Type Designation)

Style (Wall Mounted, Floor Mounted, Flat Top, Sloped Top, Etc.)

Number of Elements

Electric:

KW

Volts-Phase-Hertz

Manufacturers: Name and Model No.

Remarks

## **22.27 Electric Radiant Heaters**

Designation

Type (See Specification for Type Designation)

Style

Number of Elements

Length of Unit

Electric:

KW

Volts-Phase-Hertz

Manufacturers: Name and Model No.

Remarks

## **22.28 Evaporative Condensers**

Designation

Location

Service

Type

Tons or MBH

Refrigerant Type

Saturated Condenser Temperature

Condenser EAT °F.DB/°F.WB

Minimum OA Temperature

Fans:

Number

ESP

Hp

Volts-Phase-Hertz

Pump:

Hp

Head Ft.H<sub>2</sub>O

Number  
 Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.29 Expansion Tanks**

Designation  
 Location  
 Service (Hot Water, Chilled Water, Condenser Water, Etc.)  
 Type (Closed, Open, Diaphragm)  
 Capacity Gallons  
 Size Diameter × Length  
 PRV Setting Psig  
 RV Setting Psig  
 Connection Size:  
   Fill  
   System  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.30 Fans**

Designation  
 Location  
 Service (SA, RA, EA)  
 CFM  
 RPM  
 Drive (Belt, Direct)  
 Type (BI, AF, FC, Roof, Propeller, Etc.)  
 Class (I, II, III, IV)  
 Wheel Diameter Inches  
 SP  
 Motor Hp  
 Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.31 Fan Coil Units**

Designation  
 Nominal CFM  
 Type (2-Pipe, 4-Pipe, 2-Pipe with Electric Heat)  
 Style (Recessed, Semi-recessed, Exposed, Concealed, Cabinet, Hi-Rise, Ceiling, Floor, etc.)  
 Cooling:  
   Sensible MBH

Total MBH  
 GPM  
 EWT  
 LWT  
 EAT °F.DB/°F.WB  
 Water PD  
 Runout Size:  
     Supply  
     Return  
 Drain Size  
 Heating:  
     MBH  
     GPM  
     Water PD  
     EWT  
     LWT  
     EAT °F.DB/°F.WB  
     Runout Size:  
         Supply  
         Return  
     KW  
     Volts-Phase-Hertz  
     Number of Control Steps  
 Fan:  
     CFM  
     Motor Hp  
     ESP  
     Volts-Phase-Hertz  
 Manufacturers: Name and Model No.  
 Remarks

### **22.32 Finned Tube Radiation**

Designation  
 Type (See Specification for Type Designation)  
 Style (Wall Mounted, Floor Mounted, Flat Top, Sloped Top, etc.)  
 Number of Elements  
 Element Size:  
     Fins  
     Tube  
 Water:  
     Capacity MBH  
     EWT  
     LWT  
     EAT  
     GPM  
     Water PD  
 Steam:  
     Capacity MBH  
     EAT



# Steam/Hr.

Steam Pressure

Manufacturers: Name and Model No.

Remarks

### **22.33 Flash Tanks**

Designation

Location

Service

Type

Discharge Steam Pressure Psig

Tanks Size (Diameter × Height)

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

### **22.34 Fluid Coolers/Closed Circuit Evaporative Coolers**

Designation

Location

Service

Type

Fluid Type

GPM

EWT

LWT

Ambient Air °F.WB

Fan:

Number

CFM

Number of Motors

Hp

ESP

Volts-Phase-Hertz

Pump:

Hp

Head Ft.H<sub>2</sub>O

Number

Volts-Phase-Hertz

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

### **22.35 Fuel Oil Tanks**

Designation

Location

Fuel Type  
Tank Type (Double Wall, Steel, Fiberglass)  
Capacity Gallons  
Size:  
    Length  
    Diameter  
Approximate Weight  
Connection Sizes:  
    Supply  
    Return  
    Fill  
    Vent  
    Gauge  
    Heating Supply and Return  
    Sounding Drop (Tank, Storage)  
Pad Size (L × W × Th)  
Manhole Size  
Manufacturers: Name and Model No.  
Remarks

### **22.36 Gas Pressure Regulators**

Designation  
Location  
Capacity Cu.Ft./Hr.  
Inlet:  
    Psig  
    Pipe Size  
Outlet:  
    Psig  
    Pipe Size  
Manufacturers: Name and Model No.  
Remarks

### **22.37 Gravity Ventilators**

Designation  
Location  
Service  
Type Dome, Louvered, Filters, No Filters)  
Throat Size (L × W)  
Physical Size (L × W × H)  
Manufacturers: Name and Model No.  
Remarks

### **22.38 Heat Exchangers, Plate and Frame**

Designation  
Location

Service  
 Capacity MBH  
 Cold Side:  
   GPM  
   EWT  
   LWT  
   Water PD  
 Hot Side:  
   GPM  
   EWT  
   LWT  
   Water PD  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.39 Heat Exchangers, Shell and Tube, Steam to Water (Converter)**

Designation  
 Location  
 Service  
 Capacity MBH  
 Shell:  
   # Steam/Hr.  
   Steam Pressure Psig  
 Tubes:  
   GPM  
   EWT  
   LWT  
   Water PD  
   Minimum Surface Area Sq. Ft.  
   Number of Passes  
 Approximate Length Ft.  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.40 Heat Exchangers, Shell and Tube, Water to Water**

Designation  
 Location  
 Service  
 Capacity MBH  
 Shell:  
   GPM  
   EWT  
   LWT

Water PD  
 Tubes:  
   GPM  
   EWT  
   LWT  
   Water PD  
   Minimum Surface Area Sq. Ft.  
   Number of Passes  
 Approximate Length Ft.  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.41 Heat Pumps, Air Source**

Designation  
 Location  
 Service  
 Type (Recessed, Semi-recessed, Exposed, Concealed, Ceiling, Floor, etc.)  
 Fan:  
   Total CFM  
   OA CFM  
   ESP  
 Cooling:  
   Sensible MBH  
   Total MBH  
   EAT °F.DB/°F.WB  
   LAT °F.DB/°F.WB  
   Sink Air Temperature  
 Heating Capacity:  
   Compressor MBH  
   Total MBH  
   Source Air Temperature  
 Electrical:  
   Evaporator Fan Hp  
   Condenser Fan Hp  
   Compressor KW  
   Heater KW  
   Volts-Phase-Hertz  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

### **22.42 Heat Pumps, Water Source**

Designation  
 Location  
 Service

Type (Recessed, Semi-recessed, Exposed, Concealed, Ceiling, Floor, etc.)

Fan:

Total CFM

OA CFM

ESP

Cooling:

Sensible MBH

Total MBH

EAT °F.DB/°F.WB

LAT °F.DB/°F.WB

EWT

Heating Capacity:

Compressor MBH

Total MBH

EWT

Source Water:

GPM

Water PD

Runout Size:

Supply

Return

Electrical:

Fan Hp

Compressor KW

Heater KW

Volts-Phase-Hertz

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

## **22.43 Humidifiers**

Designation

Location

Service

Capacity:

# Steam/Hr.

Steam Pressure Psig

Electric:

KW

Volts-Phase-Hertz

Duct/Air Handling Unit Size

Number of Manifolds

Runout Size:

Supply

Return

Drain

Manufacturers: Name and Model No.

Remarks

## **22.44 Motor Control Centers**

Item Number  
 Hp/KW  
 FLA  
 Starter Size  
 Circuit Breaker Size  
 Auxiliary Equipment (Specifications)  
 Nameplate Designation  
 Operating Weight Lbs.  
 Manufacturers: Name and Model No.  
 Remarks

## **22.45 Packaged Terminal AC Systems**

Designation  
 Location  
 Service  
 Minimum OA CFM  
 Fan:  
     CFM  
     ESP  
     Number Of Wheels  
     Motor Hp  
 Filters:  
     Type  
     Efficiency %  
 DX Cooling:  
     Sensible MBH  
     Total MBH  
     EAT °F.DB/°F.WB  
     LAT °F.DB/°F.WB  
 Compressors:  
     Number  
     KW  
 Condenser:  
     EAT  
     Motor Hp  
 Electric Heat:  
     KW  
     EAT  
     LAT  
 Electric Volts-Phase-Hertz  
 Hot Water:  
     MBH  
     EAT  
     LAT  
     EWT  
     LWT

GPM

Water PD

Steam Heat:

MBH

EAT

LAT

# Steam/Hr.

Steam Pressure Psig

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

## **22.46 Pumps**

Designation

Location

Service (Chilled, Heating, Condenser Water, etc.)

Type (End Suction, Horizontal Split Case, In-Line, etc.)

GPM

Head Ft.

RPM

Motor Hp

NPSH

Volts-Phase-Hertz

Operating Weight Lbs.

Manufacturers: Name and Model No.

Remarks

## **22.47 Radiant Heaters**

Designation

Output Capacity MBH

Gas Input MBH

Burner:

FLA

LRA

Volts-Phase-Hertz

Vacuum Pump:

Motor Hp

Volts-Phase-Hertz

Length of Reflector

Manufacturers: Name and Model No.

Remarks

## **22.48 Steam Pressure Reducing Valves**

Designation

Location

Capacity # Steam/Hr.

Inlet:

Pressure Psig

Pipe Size

Outlet:

Pressure Psig

Pipe Size

Manufacturers: Name and Model No.

Remarks

## **22.49 Steam Pressure Relief Valve**

Designation

Location

Capacity # Steam/Hr.

Relief Valve Setting Psig

Discharge Pipe Size

Manufacturers: Name and Model No.

Remarks

## **22.50 Sound Attenuators (Duct Silencers)**

Designation

Location

Service

Type

CFM

Noise Reduction:

63 HZ

125 HZ

250 HZ

500 HZ

1,000 HZ

2,000 HZ

4,000 HZ

8,000 HZ

Face Velocity FPM

Maximum Air PD

Length Ft.

Manufacturers: Name and Model No.

Remarks

## **22.51 Terminal Units, Constant Volume Reheat**

Designation

CFM Range

Inlet Duct Size

Hot Water Coil:



Capacity MBH  
EAT  
Number of Rows  
GPM  
EWT  
Water PD

Steam Coil:

Capacity MBH  
EAT  
Number of Rows  
#Steam/Hr.  
Steam Pressure Psig

Runout Size:

Supply  
Return

Electric Coil:

KW  
Volts-Phase-Hertz  
No. of Control Steps

Manufacturers: Name and Model No.

Remarks

## **22.52 Terminal Units, Dual Duct Mixing Box**

Designation

CFM Range

Minimum/Maximum CFM:

Cold Deck  
Hot Deck

Inlet Duct Size:

Cold  
Hot

Manufacturers: Name and Model No.

Remarks

## **22.53 Terminal Units, Fan Powered**

Designation

CFM Range

Minimum CFM Setting

Inlet Duct Size

Fan:

Type (Series, Parallel)  
CFM  
ESP  
Motor Hp  
Volts-Phase-Hertz

Hot Water Coil:

Capacity MBH  
EAT  
Number of Rows  
GPM  
EWT  
Water PD  
Steam Coil:  
Capacity MBH  
EAT  
Number of Rows  
# Steam/Hr.  
Steam Pressure Psig  
Runout Size:  
Supply  
Return  
Electric Coil:  
KW  
Volts-Phase-Hertz  
Number of Control Steps  
Manufacturers: Name and Model No.  
Remarks

### **22.54 Terminal Units, Variable Air Volume (VAV)**

Designation  
CFM Range  
Minimum CFM Setting  
Inlet Duct Size  
Hot Water Coil:  
Capacity MBH  
EAT  
Number of Rows  
GPM  
EWT  
Water PD  
Steam Coil:  
Capacity MBH  
EAT  
Number of Rows  
# Steam/Hr.  
Steam Pressure Psig  
Runout Size:  
Supply  
Return  
Electric Coil:  
KW  
Volts-Phase-Hertz  
Number of Control Steps  
Manufacturers: Name and Model No.  
Remarks

## **22.55 Unit Heaters**

Designation

Location

Type (Horizontal Discharge, Vertical Discharge, Hot Water, Steam, Electric, Gas Fired, Oil Fired, etc.)

Fan:

CFM

RPM

Motor Hp

Volts-Phase-Hertz

Hot Water Coil

Capacity MBH

EAT

GPM

EWT

Steam Coil

Capacity MBH

EAT

# Steam/Hr.

Steam Pressure Psig

Gas Heater:

Output Capacity MBH

Input MBH

EAT

Oil Heater:

Output Capacity MBH

Input GPH

EAT

Electric Coil:

KW

Volts-Phase-Hertz

Runouts:

Supply

Return

Manufacturers: Name and Model No.

Remarks

## **22.56 Water Softeners**

Designation

Location

Service

Number of Tanks

Capacity:

Minimum Grains

Maximum Grains

GPM

Tank Size (Diameter × Height)

Brine Tank (Diameter  $\times$  Height)  
Electrical Volts-Phase-Hertz  
Operating Weight Lbs.  
Manufacturers: Name and Model No.  
Remarks