

Dunham-Bush, Inc.
McQuay, Inc.
Trane (The) Co.
York Division of Johnson Controls
Petra Engineering Industries
MAFNA Air Technologies, Inc.

2.02 MATERIALS

- A. Air supply apparatus shall be factory assembled packaged type draw through units meeting capacities scheduled on the Drawings and the following specifications. Unit shall consist of a fan section with factory installed steam coil sections, filter sections and mixing box, all as indicated on the equipment schedules on the Drawings. Unit shall be tested at the factory and connected with ductwork and piping as shown on the Drawings and as specified. Use field fabricated air supply apparatus only where approved by the Authority and where factory assembled units are not available in the size required.
- B. Coils Section
1. All coils shall be enclosed in an insulated coil section. Coil headers and U-bends shall not be exposed. Provide access to both sides for easy coil removal.
 2. Low Pressure Steam Heating Coils: Steam distributing (non-freeze) coils shall be made with 1" (minimum) O.D. condensing tubes, 5/8" (minimum) O.D. inner steam distributing tubes, plate type copper or aluminum fins, and headers of copper. Condensing tubes shall be copper with a wall thickness of not less than 0.030" and the distributing tubes shall be copper with 0.028" minimum wall thickness. Each distributing tube shall be provided with a means of centering it within the condensing tube. Each heating coil, including the headers, shall be contained in a No. 16-gage (minimum) galvanized steel casing. Coil shall be pitched within the casing toward the return end. Means shall be provided for expansion of the coil. Coil shall be factory tested to 300 PSI under water before shipping. Steam coils shall be designed for 150 PSIG working pressure at 360°F. Mount in suitable flanged frame for easy removal.
- C. Fan: AMCA certified rated with factory assembled double width, double inlet centrifugal fan wheel(s) and non-overloading galvanized steel blades. Corrosion