

SECTION 23 80 00 - TERMINAL HVAC EQUIPMENT

PART 1 - GENERAL

1.1 DESCRIPTION

- A. Provide Heating, Cooling, and Ventilating Equipment as specified herein and shown on the Drawings.
- B. Equipment capacity and size shall be as indicated on the Drawings.
- C. Related Work: The requirements of Section 23 05 00, Common HVAC Materials and Methods, also apply to this section.

1.2 QUALITY ASSURANCE

- A. Air Handling Equipment: Rated in accordance with AMCA certified rating procedures and AMCA labeled.
- B. Air Conditioning and Refrigeration Equipment Rating: Rated in accordance with ARI certified rating procedures and ARI labeled.
- C. See Section 23 08 00 for commissioning requirements.

1.3 SUBMITTALS

- A. Submit catalog data, construction details and performance characteristics for each HVAC unit.
- B. Submit operating and maintenance data.

PART 2 - PRODUCTS

2.2 SPACE MOUNTED PROPELLER FANS

- A. White or black finish per Architect, three blade with digital EC motor drive. See drawings for control location. See schedule for size. Fan(s) in the same room shall be controlled from a single wired wall controller manufactured/approved by fan manufacture. BAS shall enable/disable power to fans. Once enabled, all control of fan(s) shall be from local wall controller. Haiku "L" series or approved.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Install and arrange equipment as shown on the Drawings and as recommended by the equipment manufacturer.

- B. Piping: Refer to applicable sections for piping, ductwork, insulation, painting, etc.

3.2 AIR HANDLING INSTALLATION

- A. Installation and Arrangement: Air handling equipment shall be installed and arranged as shown on the Drawings. Comply with the manufacturer's recommendations for installation connection and start-up.

3.3 CONTROLS

- A. Wiring: All wiring shall be in accordance with the National Electrical Code and local electrical codes.
- B. Coordinate with Districts control contractor for operation of systems.
- C. Provide wiring from wall controller to each fan.

END OF SECTION 23 80 00