

- B. NFPA Compliance: Comply with NFPA 90A for design, fabrication, and installation of air-handling units and components.
- C. ARI Certification: Air-handling units and their components shall be factory tested according to ARI 430, "Central-Station Air-Handling Units," and shall be listed and labeled by ARI.
- D. ASHRAE/IESNA 90.1 Compliance: Applicable requirements in ASHRAE/IESNA 90.1, Section 6 - "Heating, Ventilating, and Air-Conditioning."
- E. Comply with NFPA 70.

1.10 COORDINATION

- A. Coordinate sizes and locations of concrete bases with actual equipment provided.
- B. Coordinate sizes and locations of structural-steel support members, if any, with actual equipment provided.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Xetex Dedicated Outdoor Air System (DOAS) Model DXH, with enthalpy recovery wheel and components specified herein and on the contract drawings or comparable product by one of the following:
 - 1. Venmar.
 - 2. McQuay.
 - 3. Mafna.
 - 4. Marcraft.
 - 5. Semco.
 - 6. Des Champs.

2.2 UNIT BASE

- A. Welded structural steel base frame with integral lifting lugs.
- B. Coat frame with rust inhibiting paint.
- C. Construction: solid double wall with insulation.
- D. Sub-floor Liner: Solid, minimum 22 gauge G90 galvanized.
- E. Interior floor Liner: Solid, minimum 18 gauge G90 galvanized.
- F. Base Insulation: Minimum 2", 3 lb/cu ft fiberglass complying with ASTM C 1071, Type II or 2" of foam with no voids and minimum thermal resistance (R) of 6.

2.3 UNIT WALL AND ROOF CASINGS