

Custom RTU with 32 Tons Packaged DX Cooling and 100% Outdoor Air

MARKET: Hospital

Designed specifically for a hospital, this XeteX custom roof top unit features a non-corrosive and weight savings aluminum construction, packaged DX refrigeration with phenolic-coated coils, a humidifier manifold, integral face & bypass (IFB) steam coil, and an electric heater for year-round climate control as well as 100% outdoor air and high efficiency filters for indoor air quality.



Model:	XAH-3800-RT-DX-HS-HE-FF-AC
Dimensions:	60”H x 406”L x 96”W
Weight:	8,000 lbs
Supply CFM:	3,800 CFM–100% OA
Heating Types and Capacities:	Electric Heater: 70KW IFB Steam Coil: 313 MBH
Steam:	EAT 0F–LAT 76F
Cooling Type:	DX Evaporator Coil
Cooling Capacity:	32 Tons (2 ckts)
Dry Bulb/Wet Bulb:	LAT 46.7F DB / 46.4F WB

CONSTRUCTION

- **Thermal break construction** with 4” double wall casing; injected foam (R-value 28) insulation; 0.063” aluminum exterior casing with acrylic paint; 0.080” aluminum interior casing
- 8” structural aluminum c-channel base frame with welded lifting lugs
- 0.080” aluminum floors with 4” injected foam (R-value 28) insulation
- 304 SS liner in cooling coil and humidifier sections

FEATURES

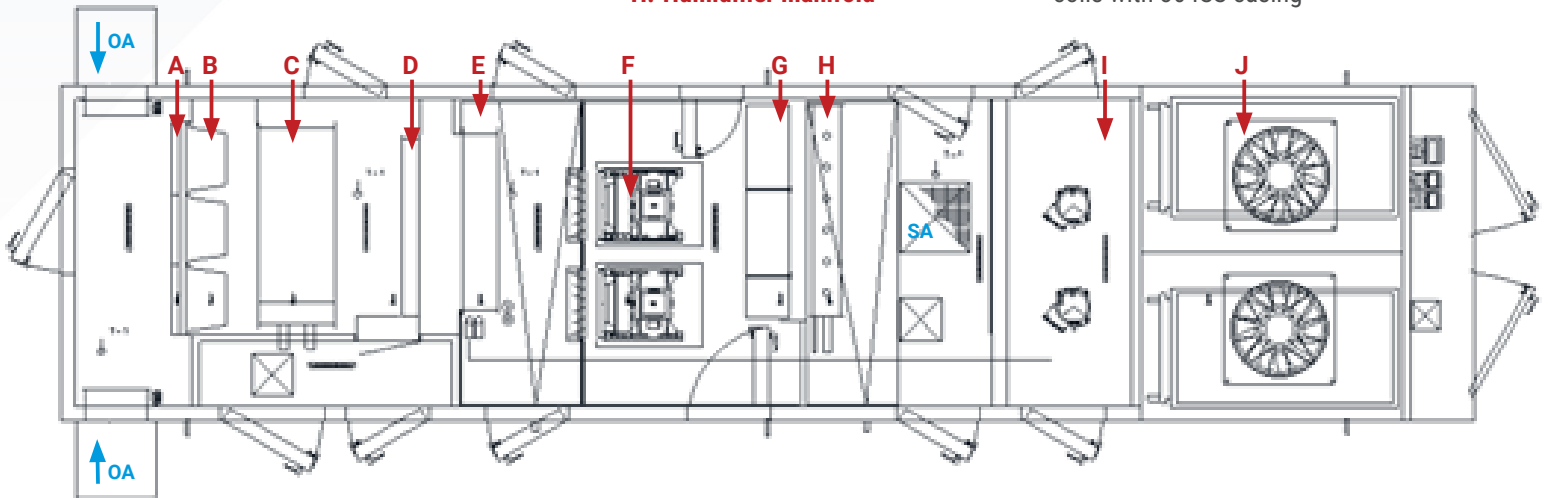
- **Factory controls**
- **Perforated liner** in SA fan section
- **2” upturn lip** provided on floor perimeter
- Test ports on each door
- **Piping vestibule**

COMPONENTS

- A. 2” MERV 8 pre-filter with aluminum rack**
- B. 12” MERV 14 with aluminum rack**
- C. Integral face & bypass (IFB) steam coil**
- D. Electric heater (SCR control)**
- E. Evaporator (DX) coil**
 - Phenolic protective coated coils with 304SS casing

- F. 16” supply fan (7.5 HP)**
 - Back draft dampers (BDD)
 - PEIZO rings & transducers
 - TEFC motor enclosures
 - 2” Fan isolation springs
- G. 12” HEPA final filters** with 304SS filter rack
- H. Humidifier manifold**

- I. Compressor vestibule** with compressor blankets
- J. Condensing section: Condensing coils and condenser fans (32T total)**
 - 2 circuits–15 tons each circuit with VFD lead compressor
 - Phenolic protective coated condensing coils with 304SS casing



Contact XeteX for your next Custom AHU!

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