

### Custom RTU with 133 Tons Packaged DX Cooling, 34K CFM and Post HW Coil

#### MARKET: Hospital

This XeteX project highlights one of two custom RTUs for a hospital. Equipped with packaged DX refrigeration, a post hot water coil, and quality filtration throughout, this RTU is designed for energy efficiency, year-round temperature regulation, and indoor air quality. Designed as a replacement, the unit was painted a custom color to match nearby equipment.

#### CONSTRUCTION

- Outdoor unit
- **Thermal break construction with 2" double wall casing** with injected foam (R-value 14/in) insulation; 20ga galvaneal exterior casing with custom acrylic paint; 18ga galvanized interior casing
- 8" structural steel welded frame with lifting lugs with custom acrylic paint
- Galvanized 16ga floors with injected foam (R-value 6.9/in)
- 304 SS drain pan

#### OTHER FEATURES

- **65k SCCR**
- **Factory mounted Carel DDC Controller and programmed for full unit control**
- Integral air-cooled section with staged compressors and VFD lead
- PIEZO flow rings: SA and EA fans; SA fan back draft damper
- PIEZO transducers: SA and EA monitors

<b>Model:</b>	XAH-35000-RT-DX-HW-RC-AC-FF
<b>Dimensions:</b>	112"H x136"Wx438"L
<b>Weight:</b>	28,000 lbs
<b>Supply CFM:</b>	34,000 CFM
<b>Heating Type:</b>	Post Hot Water Coil
<b>Heating Capacity:</b>	865 MBH
<b>Cooling Type:</b>	DX Evaporator Coil
<b>Cooling Capacity:</b>	133 Tons

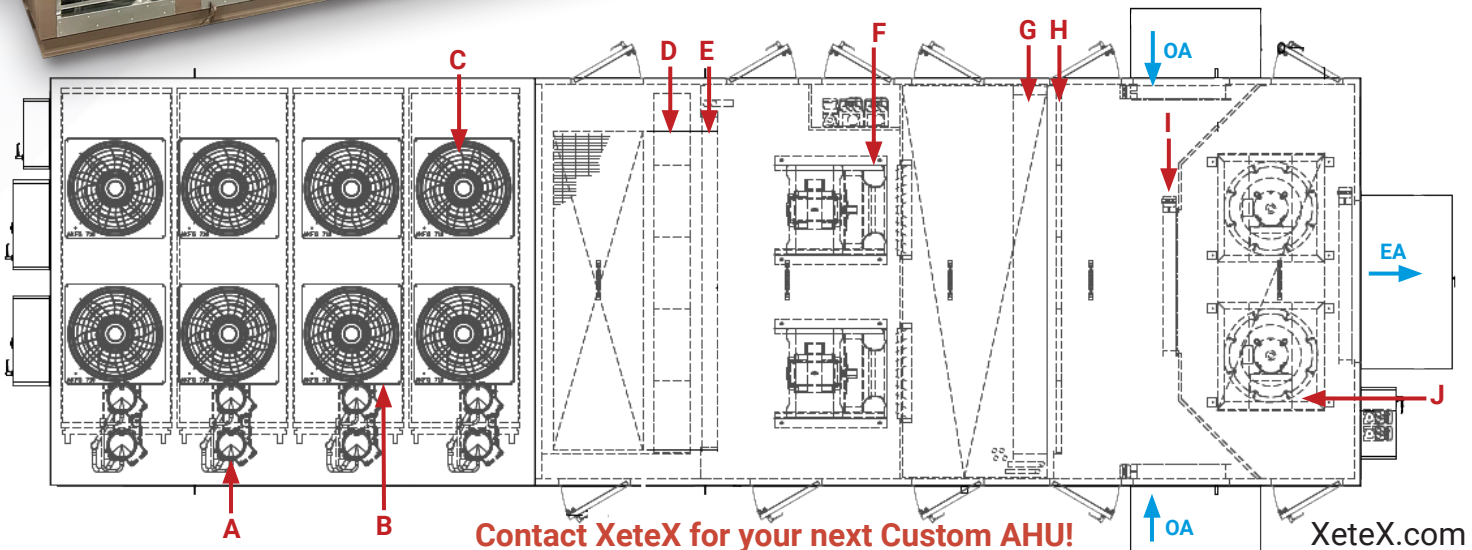


Crane installation of this one-section XeteX RTU.



#### COMPONENTS

- A. Compressors**
- B. Condenser coils**
- C. Condenser fans**
- D. SA 12" MERV 14 final filters**
- E. Post hot water coil with freeze stat sensor**
- F. SA four premium plenum fans with PIEZO flow rings**
- G. DX evaporator coil**
- H. SA 2" MERV 8 filters**
- I. Recirculation damper**
- J. EA two premium plenum fans with PIEZO flow rings**



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