

Custom RTU with an Energy Recovery Wheel, Chilled Water & Hot Water Coils

MARKET: Educational Facility

XeteX Helps Buildings Breathe Better!

This XeteX custom roof top unit with an energy recovery wheel is a high-quality solution that not only helps buildings breathe better but also enhances overall indoor climate comfort and energy efficiency for a prestigious academic institution. This custom RTU with Energy Recovery is one of three units for one of the most selective academic institutions in the nation.

CONSTRUCTION

- Outdoor unit
- 2" double-panel casing with injected foam (R-14) insulation
18ga galvaneal outer casing with acrylic paint; 20ga galvanized inner casing
- Welded 6" structural steel base frame with lifting lugs with acrylic paint
- 304 stainless steel drain pan
- 16ga galvanized floor with 2" injected foam (R-value 6.9/in) insulation

OTHER FEATURES

- Full factory controls provided
- Factory testing: Airflow, pressure, casing leakage, and sound testing
- Freeze protection thermostat
- SA and EA fan inlet guard
- SA and EA PIEZO flow rings

COMPONENTS

- A. 2" MERV 8 OA filter
- B. 12" MERV 14 SA filter
- C. 3Å molecular sieve desiccant wheel (8" deep) with low cross-contaminating seal system with a purge sector
- D. Hot water glycol heating coil
- E. Chilled water glycol cooling coil
- F. SA Fan Array
- G. 2" MERV 8 RA filter
- H. Recirc damper
- I. EA Fan Array

Model:	AVR-1400-RT-CW-HW-FF
Dimensions:	64"H x 84"W x 154"L
Weight:	6,150 LBS
Supply CFM:	4,000 CFM
Energy Recovery:	Enthalpy Wheel
Energy Effectiveness:	70% Winter / 68% Summer
Heating Type:	Hot Water Coil with Glycol
Heating Capacity:	331 MBH
Cooling Type:	Chilled Water Coil with Glycol
Cooling Capacity:	296 MBH



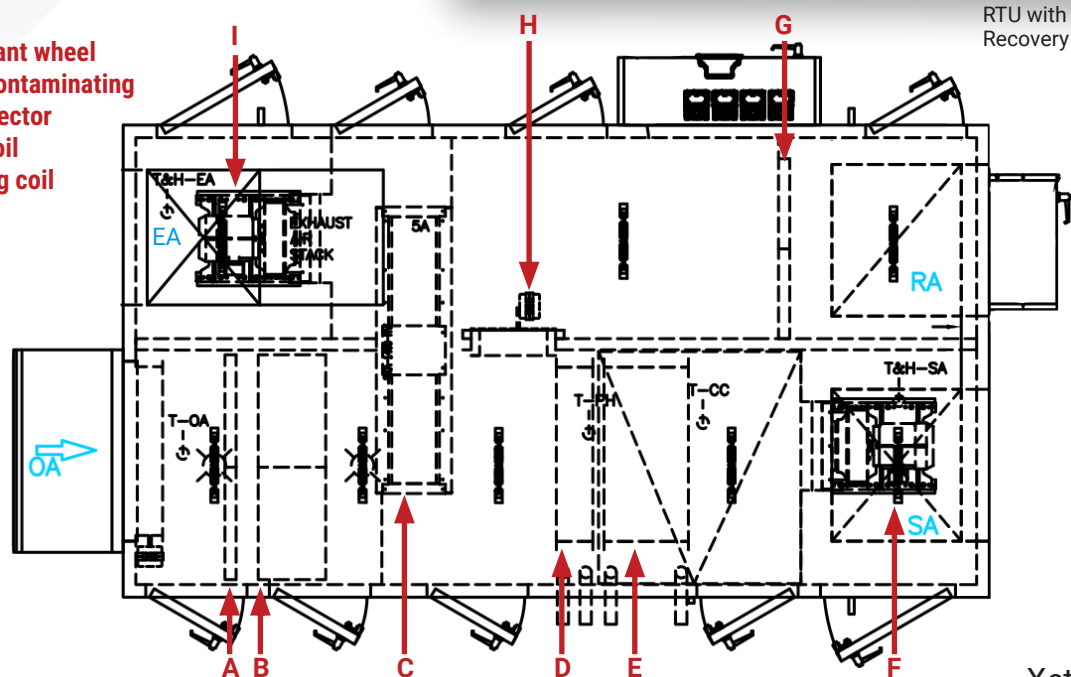
RTU-1



RTU-2



RTU with Energy Recovery Wheel



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