

Custom RTU with All Aluminum Weight Savings Design and Quiet Operation

MARKET: School

This XeteX Basis of Design rooftop unit (RTU) is one of four custom air handlers for a New York City school. Featuring an all-aluminum construction for weight savings and perforation liners at the OA dampers, EA and condensing sections for added sound attenuation. Other notable features include packaged DX cooling and hot gas reheat with Electrofin coated coils; and an indirect gas fired furnace rated to 93% efficiency.



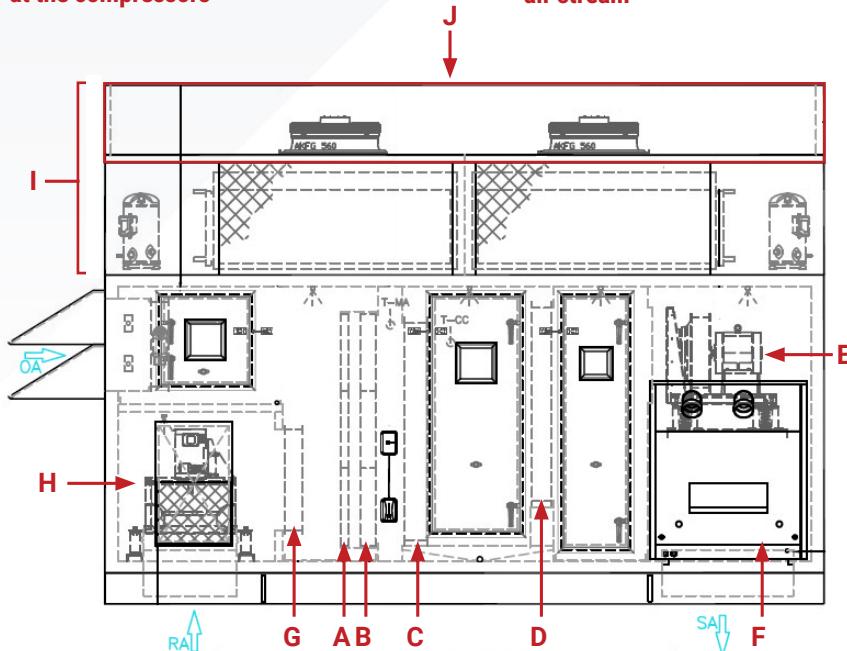
Model:	XAH-9500-RT-DX-HG-HI-FF-RC-AC
Dimensions:	125"H x 186"L x 117"W
Weight:	8,000 lbs
Supply CFM:	9,500 CFM
Heating Types/ Heating Capacities:	Hot Gas Reheat Coil: 218 MBH Indirect Gas Fired Furnace: 400 MBH
Cooling Type:	DX Coil
Cooling Capacity:	30 Tons

CONSTRUCTION

- Outdoor unit with **thermal break construction**
- **3" double wall casing** with injected foam (R-value 21) insulation
- 0.063" aluminum exterior casing with acrylic paint
- 0.063" aluminum interior casing
- Aluminum 0.080 floor with 3" injected foam (R-value 21) insulation
- 8" welded structural aluminum base frame
- Aluminum drain pan

FEATURES

- **High efficiency indirect gas fired furnace**
- **Electrofin coated coils**
- **Perforated liners in EA section and OA hoods, and an extended perforated top surround for condensing fans; sound blankets provided at the compressors**
- **Full unit controls**
- SA/EA PIEZO flow rings
- **Upturned flanges along unit perimeter**
- **Test ports on doors in air stream**



COMPONENTS

- A. OA 2" MERV 8 with aluminum rack
- B. SA 4" MERV 13 with aluminum rack
- C. Electrofin coated DX coil
- D. Electrofin coated Hot Gas Reheat coil
- E. SA premium two aluminum plenum fans with 2" spring restrained isolators
- F. Indirect Gas Fired Furnace
- G. Recirculation damper
- H. EA premium two aluminum plenum fans with 2" spring restrained isolators
- I. Condensing section: compressors, condenser Electrofin coated coils and fans
- J. Perforated liner surrounding the condenser fans

Contact XeteX for your next Custom Air Handler!

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