

Custom Air Handling Replacement Units with Ultra Corrosion Resistant Design

MARKET: Airport

As part of the *Buy America Build America* program, this XeteX Basis of Design replacement project highlights one of 14 custom air handling units (AHUs) for an international airport renovation. It features an all-aluminum construction with a highly corrosion resistant design.

CONSTRUCTION

- Outdoor unit with **thermal break construction; 4" double wall casing** with injected foam (R-value 28) insulation; 0.063" aluminum exterior casing with acrylic paint; 0.050" aluminum interior casing
- 6" welded structural aluminum base frame with acrylic paint and **lining along bottom**
- Aluminum 0.063 floor with 2" injected foam (R-value 14) insulation
- **2" upturn lip aluminum tread plate floor**



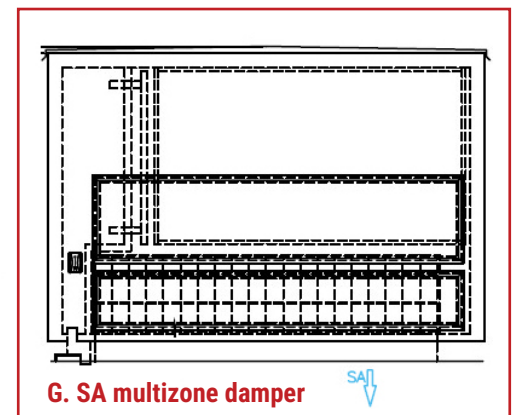
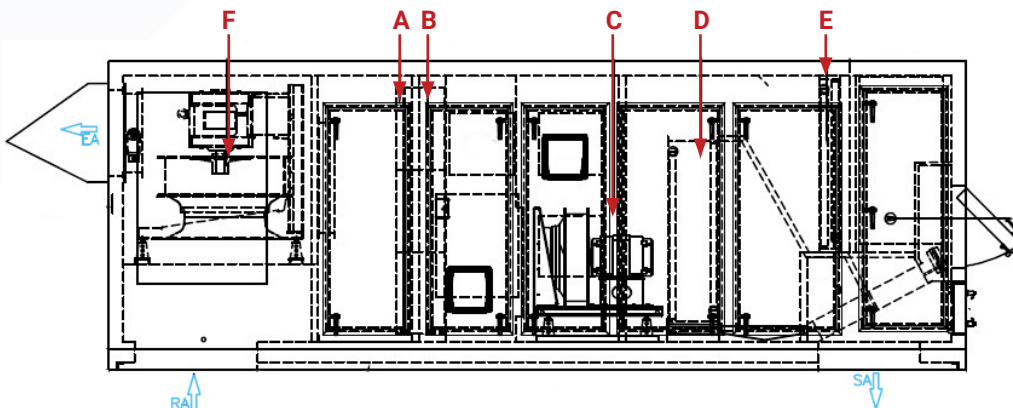
Model:	XAH-16000-RT-RC-CW-HW-FF
Dimensions:	90"H x 251"L x 128"W
Weight:	9,385 lbs
Supply CFM:	15,785 CFM
Heating Type:	Hot Water Coil
Heating Capacity:	444 MBH
Cooling Type:	Chilled Water Coil
Cooling Capacity:	690 MBH

FEATURES

- **Full unit controls**
- **Threaded rigid aluminum conduit throughout entire unit**
- **NEMA 4x junction boxes suitable for wash down pressure washer construction**
- **Six zone SA damper**
- Plumbing and electrical chase
- SA/EA PIEZO flow rings
- **A secondary gasket and third door handle added to enhance leakage resistance, reduce airflow escaping, and minimize contaminants within unit to deliver improved air quality**

COMPONENTS

- A. OA 2" MERV with aluminum rack
- B. SA 4" MERV 16 with aluminum rack
- C. SA premium two plenum fans with TEWD enclosure
- D. Epoxy coated CW coils with SS casing and coil rack
- E. Epoxy coated HW coils with SS casing and coil rack
- F. EA premium plenum fan with TEWD enclosure
- G. SA multizone damper



Contact XeteX for your next Custom AHU!

XeteX.com