

DOAS with Weight Savings Design, Flat Plate HX, Packaged DX & Gas Furnace

MARKET: Federal Facility

Designed for a federal facility serving the locker rooms and cafeteria, this XeteX custom Dedicated Outdoor Air System (DOAS) features an aluminum interior for weight savings and 100% outdoor air. Equipped with an enthalpy flat plate heat exchanger and electric preheat for frost control; packaged DX cooling with hot gas reheat; an indirect fired gas burner; and high efficiency filters, this high performance DOAS provides energy efficient climate control and indoor air quality.



Model:	XHS-40-72-RT-DX-HE-HG-HI-AC
Dimensions:	85+11"H x 340"L x 79"W
Weight:	9,200 lbs
Supply CFM:	7,700 CFM
Energy Recovery:	Enthalpy Plate Heat Exchanger
Energy Effectiveness:	Winter: 59% / Summer: 52%
Heating Types/ Heating Capacities:	Indirect Fired Furnace: 241 MBH Hot Gas Reheat: 204 MBH Electric Preheater: 61 kW
Cooling Type:	Packaged DX Cooling
Cooling Capacity:	34 Tons

CONSTRUCTION

- Double wall **thermal break construction** with 2" injected foam (R-value 14) insulation
- 20ga galvaneal outer casing with acrylic paint
- **0.080 aluminum interior casing for weight savings**
- Welded 6" structural steel base frame and lifting lugs with acrylic paint
- **0.080 aluminum floor for weight savings** with 2" injected foam (R-value 14) insulation
- Aluminum drain pan

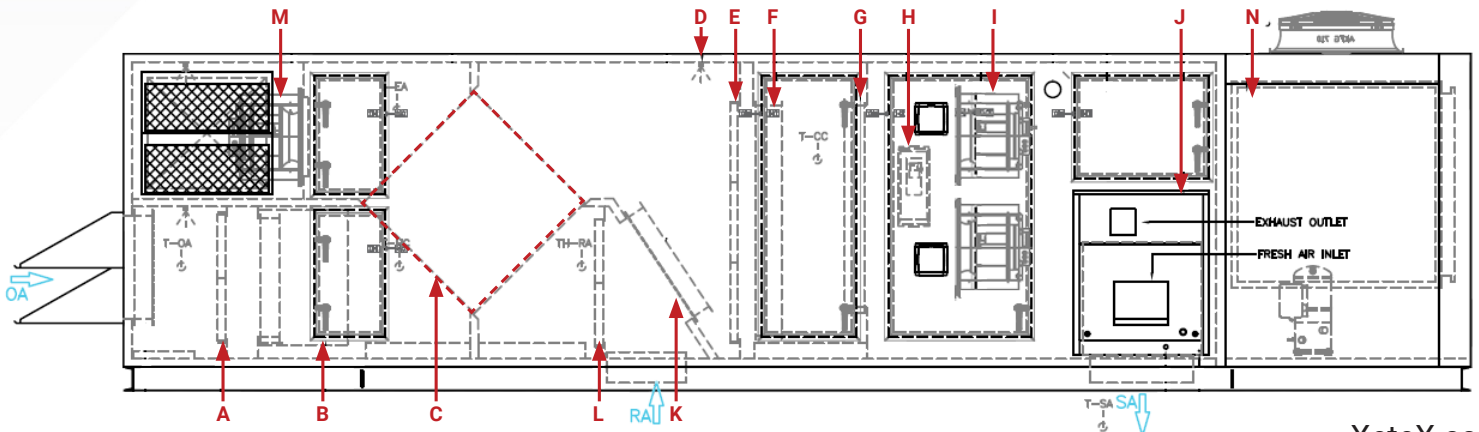
FEATURES

- Factory mounted controls
- Integral air cooled section with two staged compressors and VFD lead
- Enthalpy flat plate heat exchanger
 - 0% EATR
 - Mold and bacteria resistance
 - Water washable and freeze tolerant
- Piezo pressure port (SA/EA fans)
- IP 65 rated unit LED lights

COMPONENTS

- A. OA 2" MERV 13 filters with alum. rack**
- B. Open coil electric preheater**
- C. Enthalpy flat plate heat exchanger**
- D. LED light**
- E. SA 2" MERV 13 filters with alum. rack**
- F. DX cooling coil**
- G. Hot gas reheat coil**
- H. Compressor VFD**
- I. SA premium two plenum fan array**
- J. 409SS indirect gas fired furnace**
- K. Recirculation damper**
- L. RA 2" MERV 13 filters with alum. rack**
- M. EA premium two plenum fan array**
- N. Condensing section**

Contact XeteX for your next Custom Air Handling Solution!



XeteX.com