

Custom ERU with Flat Plate HX, Packaged DX Cooling & Indirect Gas Fired Furnace

MARKET: Natatorium

This XeteX custom energy recovery unit is equipped with a flat plate heat exchanger, packaged DX with air-cooled condensing, and an indirect gas fired burner. The unit provides indoor air quality and temperature and humidity control for an indoor pool environment.

CONSTRUCTION

- Outdoor unit with thermal break construction
- 2" double-panel casing with injected foam insulation
18ga galvaneal outer casing with acrylic paint; 0.050 aluminum inner casing selected for natatorium design
- Welded 8" structural steel base frame with lifting lugs with acrylic paint
- Aluminum drain pan
- 16ga galvanized floor with 2" injected PolyIso foam (R- 5.7/in) insulation

OTHER FEATURES

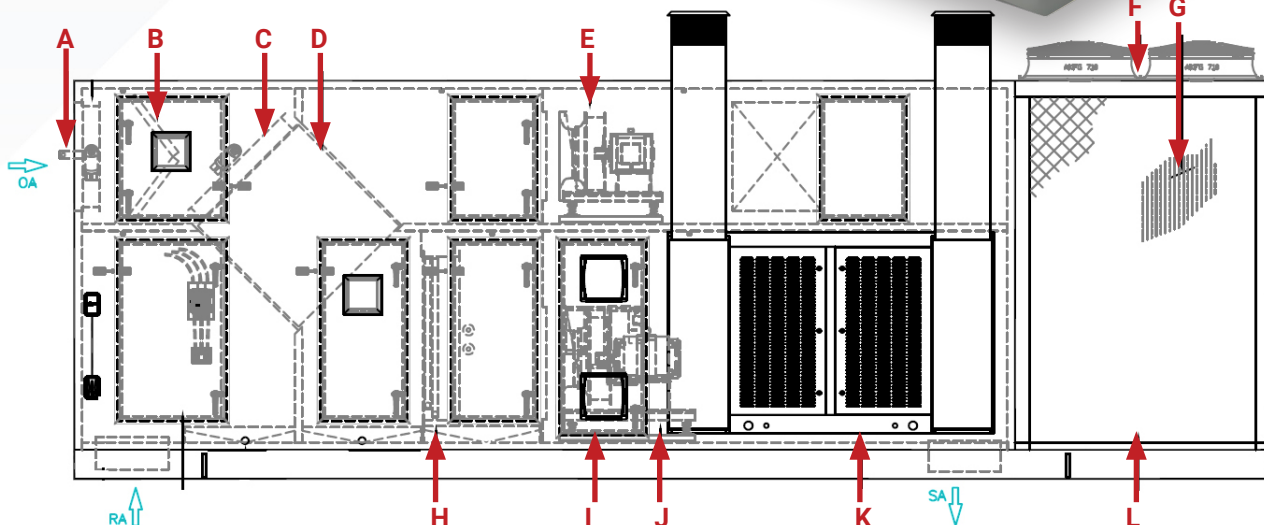
- SA and EA Piezo flow rings

COMPONENTS

- A.** OA monitor includes a Ebtron Advantage 3 Gold flow station
- B.** Aluminum mesh filter OA filter
- C.** HX face/bypass damper
- D.** Aluminum Flat Plate Heat Exchanger
- E.** EA aluminum fan with 1" spring isolators
- F.** Condenser fan
- G.** Condenser coil
- H.** DX cooling coil
- I.** VFD
- J.** SA aluminum fan with 1" spring isolators
- K.** 409 SS indirect fired furnace with modulating valve (20 to 1)
- L.** Compressor



Model:	PXHS-40-72-RT-BP-CD-HI-AC
Dimensions:	110"H x 102"W x 330"L
Weight:	14,500 LBS
Supply CFM:	9,000 CFM
Energy Recovery:	Flat Plate HX
Energy Effectiveness:	71.2% Summer / 82% Winter
Heating Type:	Indirect Fired Burner
Heating Capacity:	1,200 MBH
Cooling Type:	Pkg DX with Air-cooled Condensing
Cooling Capacity:	50 Tons



Contact XeteX for your next Custom ERU!

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