XeteX
Innovative Air Handling Solutions

DID YOU KNOW *design*

December 2023 – 2

FEATURED UNIT: Custom Natatorium ERU with Coated HX and 35K CFM

MARKET: High School Natatorium

Replacing a 15-year-old unit, this XeteX custom natatorium dehumidification Energy Recovery Unit was designed for a high school. It features an epoxy-coated aluminum sensible-only flat plate heat exchanger with up to 74% effectiveness and 35K CFM. The non-corrosive all aluminum interior construction will provide long-lasting operation.

Model:	PXHS-60-90-RT-BP-HW-RC
Dimensions:	142”H x 130”W x 336”L
Weight:	19,000 lbs
Energy Recovery:	Sensible Only Flat Plate HX
Effectiveness:	Winter: 74%
Supply CFM:	35,200 CFM
Heating Capacity:	3,644 MBH

Construction

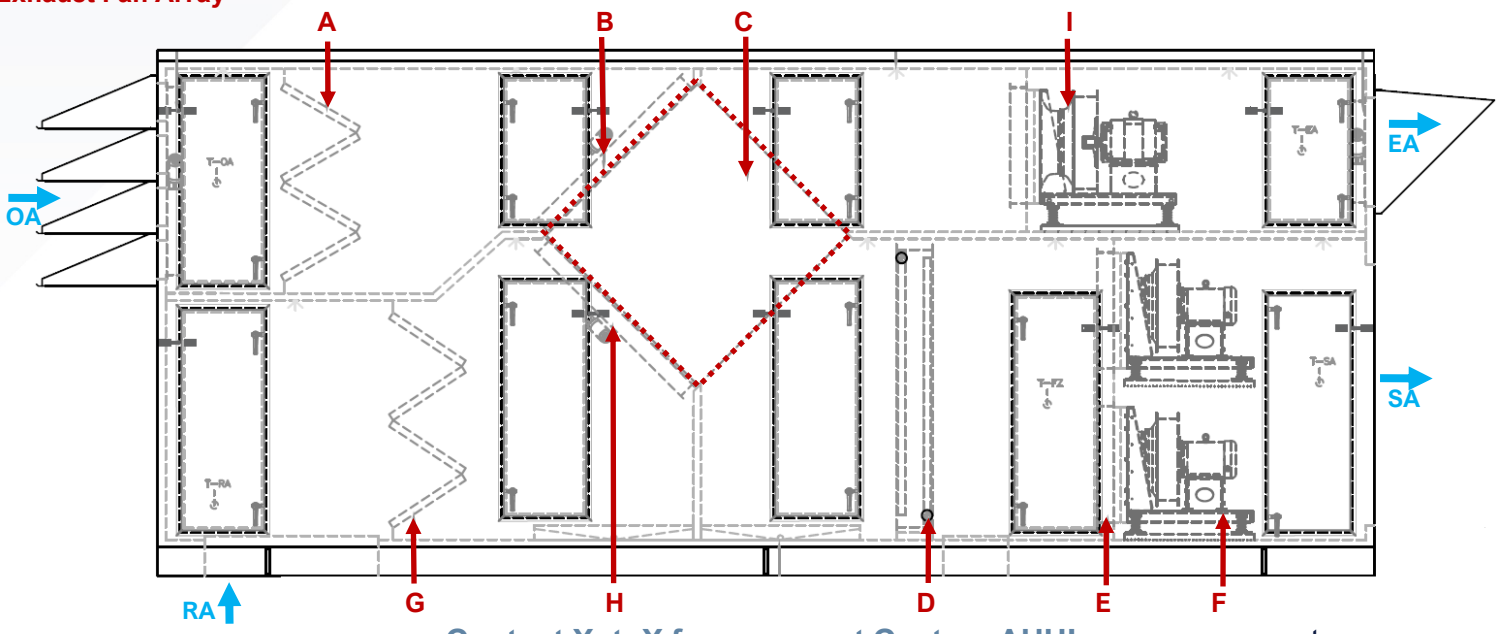
- Double wall casing with 2" injected foam (R-value 6.9/in) insulation; 18ga galvanneal exterior casing with XeteX gray acrylic; 0.063 all aluminum interior casing
- Welded 8" structural steel base frame with welded lifting lugs
- Base frame covered with a welded 22ga galvanized sheet metal skin to ensure no water leakage through floor
- **2” upturned floor with drains in all sections for ease of cleaning**

Features

- XeteX Unit DDC Controls
- Piezo flow rings for supply and exhaust fans
- SA and EA fan bases with alum construction and 2" spring isolators

Components

A. 2” MERV 8 OA Filters
B. Face and Bypass Damper
C. Alum Epoxy-Coated Crossflow Energy Recovery Heat Exchanger
D. Hot Water Coils are epoxy coated with aluminum frames
E. SA and EA Fan Back Draft Dampers
F. Supply Fan Array
G. 2” MERV 8 RA Filters
H. Recirculation Damper
I. Exhaust Fan Array



Contact XeteX for your next Custom AHU!

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