XeteX
Innovative Air Handling Solutions

# DID YOU KNOW *design*

August 2023

## FEATURED: Low Profile Indoor ERV with Flat Plate Heat Exchanger

### CUSTOMER: Correctional Facility

Custom design engineering is useful for many instances including small form factor. The August XeteX project features the smallest of nine indoor energy recovery ventilation units. All nine low profile units needed to be installed in the tight constraints of an attic within a correctional facility.

The robust design of each ERV unit utilizes an aluminum flat plate heat exchanger for energy recovery, ease of maintenance, and 0% cross contamination to maximize indoor air quality for occupants.

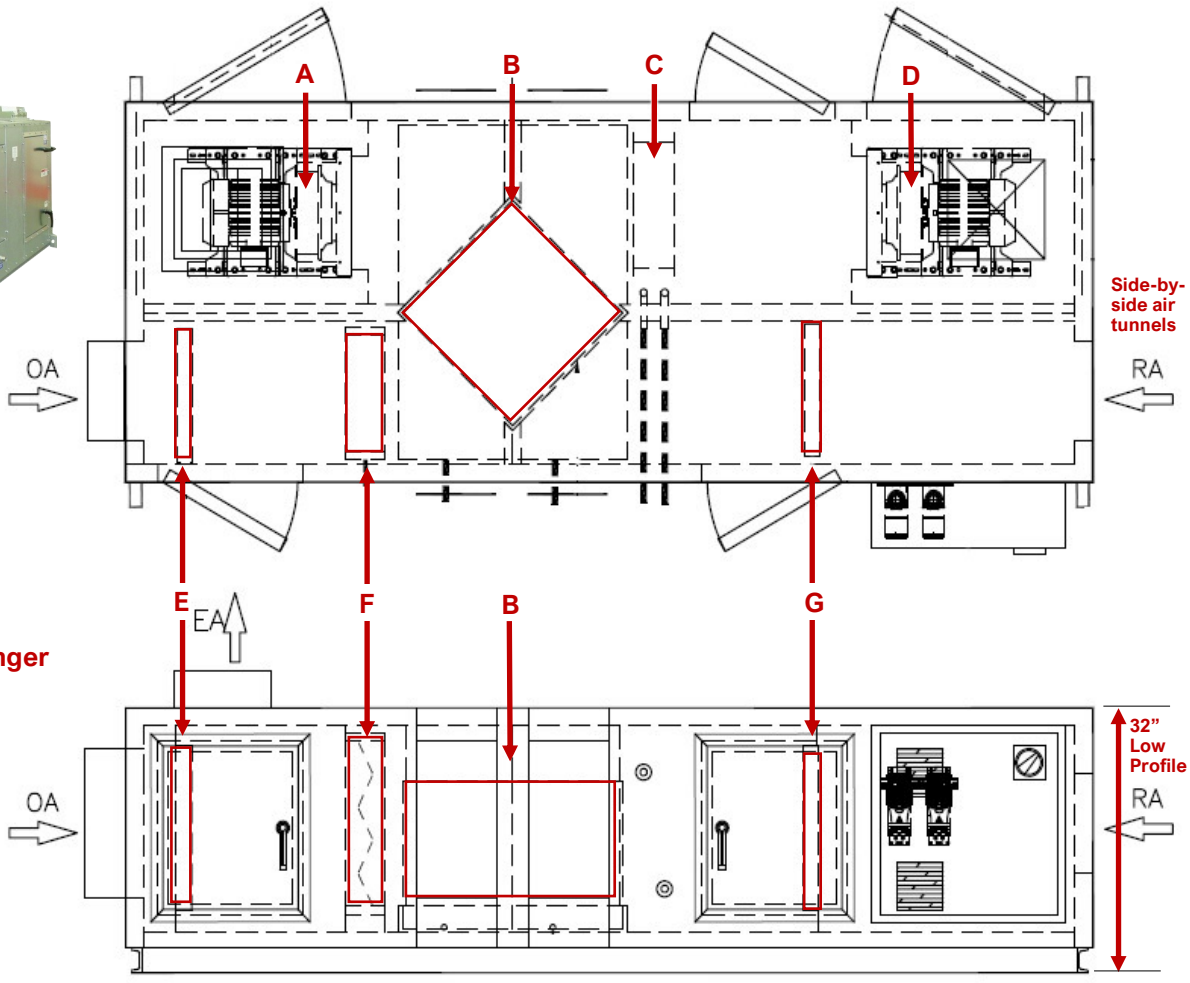
| | |
|---|---|
| **Model:** | **IAQ-1500-BP-HW** |
| **Height:** | 32 in |
| **Width:** | 46 in |
| **Length:** | 120 in |
| **Weight:** | 2,000 lbs |
| **Supply CFM:** | 1,000 |
| **Heating Capacity:** | 63 MBH |
| **Sensible Efficiency:** | 59% |

**Construction**

- 2” non thermal break panels with mineral wool insulation; double wall casing: 18ga galv outer; 22ga galv inside
- Welded 3" C-channel steel frame

**Other Features**

- 18ga exterior/interior insulated access doors and removable panels




**Components**

A. EA Blower
**B. Alum Flat Plate Heat Exchanger**
C. Hot Water Heat Coil
D. SA Blower
**E. 2” MERV 10 OA filters**
**F. Face and Bypass Damper**
**G. 2” MERV 8 RA filters**

**Contact XeteX today for your next custom ERV!**

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