

### Custom Indoor AHU with Knockdown Construction & Enthalpy Flat Plate HX

#### MARKET: Community Center

This XeteX project features one of four custom indoor air handlers for a community center. Unique features include a split base frame and full knockdown construction for a restricted building access of 7'H x 6.5'W; energy-efficient enthalpy flat plate heat exchanger with face, bypass, recirc and shut-off dampers; chilled water and hot water coils for year-round climate control; and quality filtration for indoor air quality.

#### CONSTRUCTION

- **Indoor unit with split base frame and full knockdown construction**
- 2" double wall casing with mineral wool (R-value 4.0/in) insulation; Galvanneal 18ga exterior casing with acrylic paint; Galvanized 22ga interior casing
- 6" structural steel welded base frame with lifting lugs and acrylic paint
- Galvanneal 18ga floors with Polyiso foam (R- 6.0/in)
- 304 SS drain pan

<b>Model:</b>	XHR-40-42-RC-BP-CW-HW-FF
<b>Dimensions:</b>	103"H x 214"L x 86"W
<b>Weight:</b>	8,200 lbs
<b>Supply CFM:</b>	9,180 CFM
<b>Energy Recovery:</b>	Enthalpy Flat Plate Heat Exchanger
<b>Energy Effectiveness:</b>	61% Winter / 56% Summer
<b>Heating Type:</b>	Hot Water Coils
<b>Heating Capacity:</b>	353 MBH
<b>Cooling Type:</b>	Chilled Water Coils
<b>Cooling Capacity:</b>	333 MBH

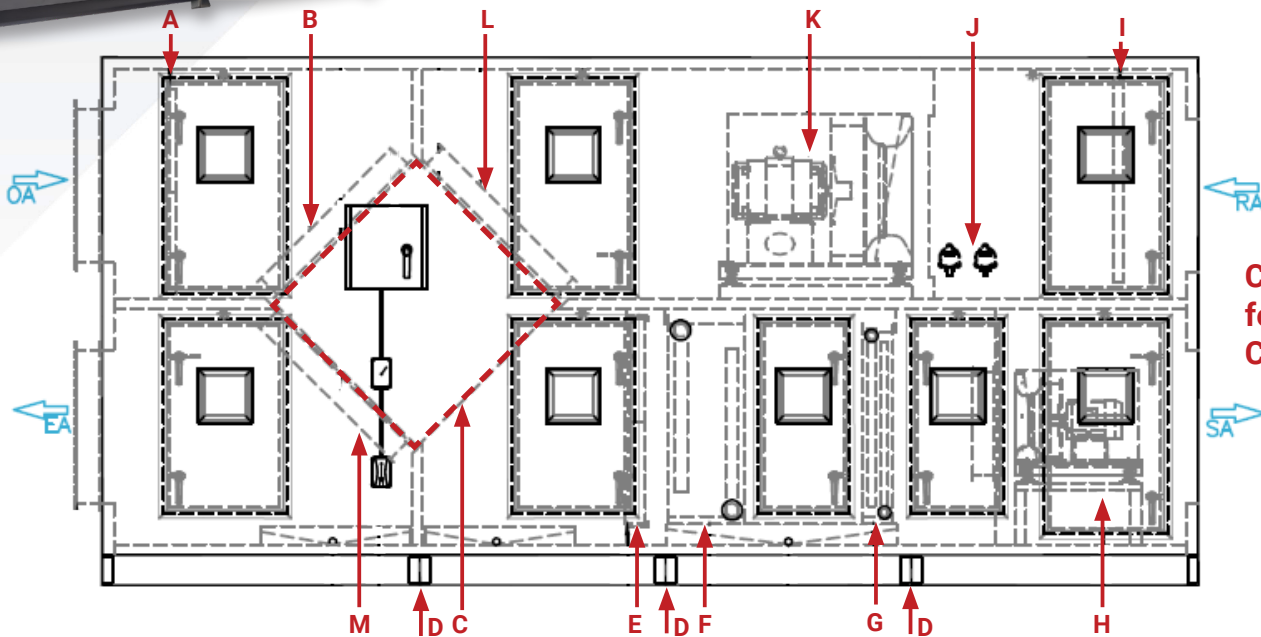


#### FEATURES

- SA/EA plenum fan enclosure and fan inlet guard
- SA/EA piezo flow rings

#### COMPONENTS

- A. OA 2" MERV 8 filters
- B. HX face and bypass damper
- C. Enthalpy flat plate heat exchanger
- D. Base section splits
- E. SA 4" MERV 13 filters
- F. Chilled water coil
- G. Hot water coil
- H. SA premium plenum fans
- I. RA 2" MERV 8 filters
- J. Piezo transmitters
- K. EA premium plenum fan
- L. RA recirc damper
- M. EA shut-off damper



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