AVENTUS BY XeteX

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October 2025

AVENTUS Semi-Custom Energy Recovery Ventilator for a Government Facility

MARKET: Government

This AVENTUS by XeteX project showcases an outdoor semi-custom energy recovery ventilator for a southeastern government facility. An enthalpic flat plate cross flow heat exchanger provides energy efficiency. High-efficiency filters (OA/RA) capture airborne particles for indoor air quality.

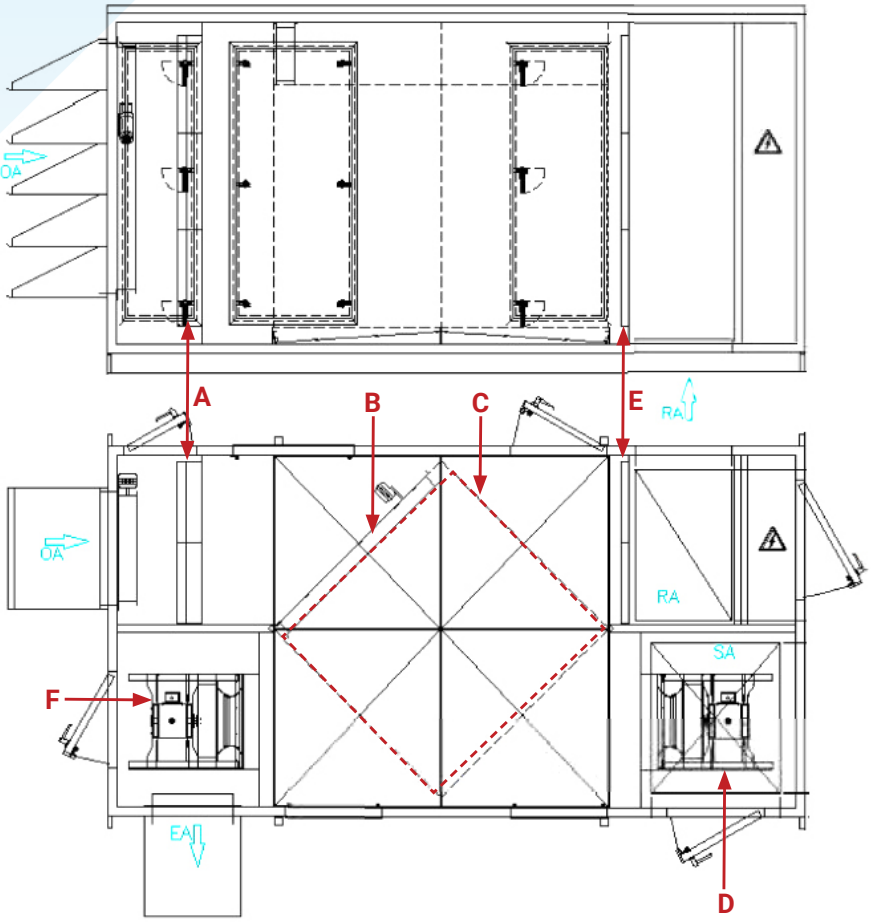
Model:	AVT-ED-59.1-60-RT-BP
Dimensions:	91”H x 173”L x 92”W
Weight:	6,050 lbs
Supply CFM:	12,000 CFM
Energy Recovery:	Enthalpic Crossflow Plate
Energy Effectiveness:	Winter: 68% / Summer: 56%

CONSTRUCTION

- Outdoor unit
- 2” double wall casing with foam board (R-12) insulation
- 20ga galvanized metal exterior casing with acrylic paint
- 20ga galvanized metal interior casing
- Welded 5” structural steel base with lifting lugs and acrylic paint
- 20ga galvanized steel floor with 2” injected foam (R-14) insulation

FEATURES

- **Full unit controls with BACnet MS/TP and LCD display**
- **Crossflow Bypass Actuator**
- **Fiberglass floor grates in all floor duct openings**
- **SA/EA EC motors**



COMPONENTS

A. OA 4” MERV 13 filters
B. Modulating bypass damper with actuator
C. Enthalpic crossflow plate heat exchanger
D. SA fan
E. RA 2” MERV 8 filters
F. EA fan

Contact XeteX for your next AVENTUS Semi-Custom Split DOAS or ERV!

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