

AVENTUS Semi-Custom Split DOAS for an Auto Dealership

MARKET: Auto Dealership

This AVENTUS by Xetex project showcases one of two semi-custom split-DOAS units for an auto dealership. Unique features include 100% outdoor air, an energy efficient aluminum sensible crossflow plate heat exchanger, quality filtration throughout, and indirect gas fired furnace.

CONSTRUCTION

- Outdoor unit
- 2" double wall foam board (R-Value 12) insulation;
- 20ga galvanized steel outer casing with acrylic paint;
- 20ga galvanized steel interior casing
- Welded 6" c-channel structural steel base frame with lifting lugs
- 16ga galvanized steel floor with 2" polyiso foam (R-value 12) insulation

FEATURES

- Aluminum crossflow bypass damper with actuator
- SA and EA fans: EC motor with 1" spring vibration isolation
- OA/EA galvanized mesh bird screen
- Filter pressure switch for all filter banks
- LED lights in fan and electrical sections
- 120V GFI Service Outlet

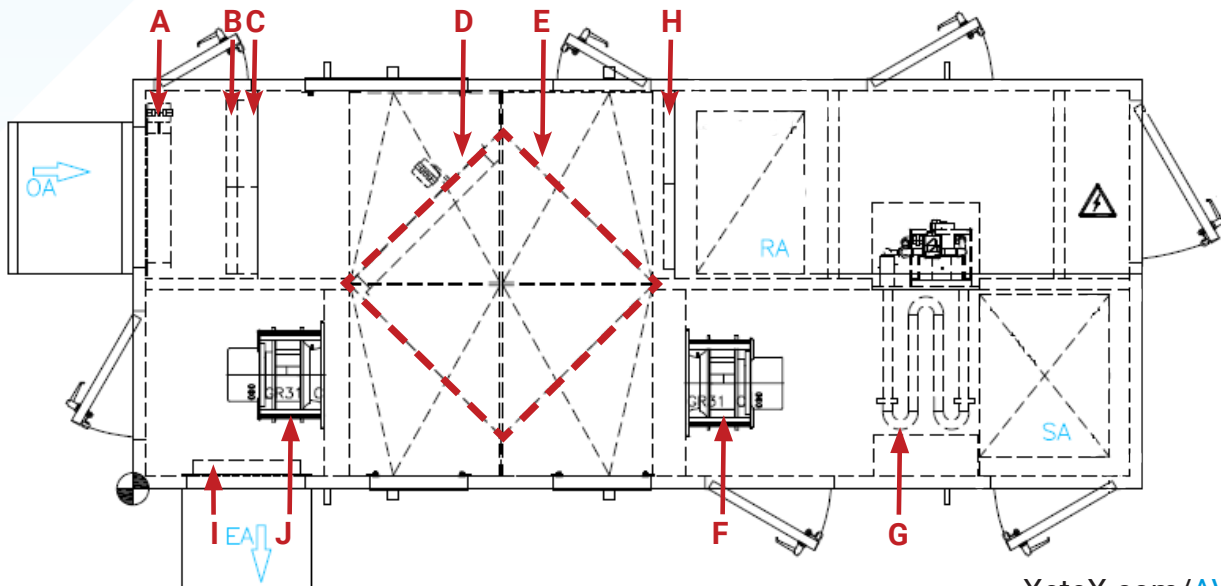
COMPONENTS

- A. OA 2-position damper with actuator**
- B. SA 2" MERV 8 filters with galvanized rack**
- C. SA 4" MERV 13 filters with galvanized rack**
- D. Crossflow bypass damper with actuator**
- E. Aluminum sensible crossflow plate HX**
- F. SA two premium plenum fans**
- G. 409 SS indirect gas heat**
- H. RA 2" MERV 8 filters with galvanized rack**
- I. Gravity relief exhaust damper**
- J. EA two premium plenum fans**

Model:	AVT-DD-60-60-RT-BP-HI
Dimensions:	92"H x 235"L x 92"W
Weight:	7,600 lbs
Supply CFM:	7,220 CFM
Energy Recovery:	Sensible Crossflow Plate
Energy Effectiveness:	Winter: 77% / Summer: 62%
Heat Type:	Indirect Gas Fired Furnace
Heating Capacity:	350 MBH



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



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