

Dedicated Outside Air System (DOAS) (48,000 BTU) Indoor Unit For Heat-recovery Airstage VRF System

Job Name _____
 Location _____
 Engineer _____
 Submitted To _____
 Submitted By _____
 Reference _____

Date _____
 Approval _____
 Construction _____
 Unit No _____
 Drawing No _____

FEATURES

- Quiet and powerful fan design
- Compact design to fit in a small space
- Very low power usage
- Fan speed can be adjusted using dip switch settings.*
- Auxiliary heat operation capability
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.



STATIC PRESSURE

Static Pressure Range - in.WG [Pa]	0.20 to 0.74 [50 to 185]
Standard Static Pressure - in.WG [Pa]	0.74 [185]

CAPACITY

Capacity - Cooling - Btu/h [kW]	48,000 [14.0]
Capacity - Heating - Btu/h [kW]	30,000 [8.9]

PIPING ACCESSORIES

UTP-AX090A	Separation Tube - 2-Pipe - 90 MBH or Less
UTP-AX180A	Separation Tube - 2-Pipe - 91 to 180 MBH
UTP-AX567A	Separation Tube - 2-Pipe - 180 MBH or More

ELECTRICAL

Power Source	208 / 230V, 1-Phase, 60Hz
Available Voltage Range - VAC	187 to 253
Input Power - W	179
Max Circuit Breaker - A	15
Minimum Circuit Ampacity - MCA - A	1.68

FAN

Fan Type	Sirocco
Airflow Rate - High - CFM [m ³ /h]	636 [1080]
Airflow Rate - Medium - CFM [m ³ /h]	477 [810]*
Airflow Rate - Low - CFM [m ³ /h]	318 [540]*

SOUND PRESSURE

Sound Pressure Level - dB(A)	42
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ACCESSORIES

#N/A	#N/A
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WIRING

Communication Cable	LonWorks (Fujitsu Pink Cable. See AE Bulletin 009)
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PIPING

Connection Pipe Diameter - Liquid (Flare) - in [mm]	ø 3/8 [9.52]
Connection Pipe Diameter - Gas (Flare) - in [mm]	ø 3/4 [19.05]
Connection Pipe Diameter - Drain (ID; OD) - in [mm]	ø 3/4 [19.05]
Drain-Pump	Optional

WEIGHT AND DIMENSIONS

Enclosure - Net Weight - lbs [kg]	108 [49]
Enclosure - Gross Weight - lbs [kg]	121 [55]
Dimensions - Net (H x W x D) - in [mm]	16-3/4 x 53-13/16 x 22-1/2 [425 x 1367 x 572]
Dimensions - Gross (H x W x D) - in [mm]	19-1/2 x 59-1/2 x 26-1/4 [496 x 1511 x 666]

ETL

E.T.L.	91987
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TEMPERATURE SETTINGS

Operating Temp. Cooling (DB) - °F [°C]	64 to 109 [18 to 43]
Operating Temp. Heating (DB) - °F [°C]	19 to 70 [-7 to 21]

Note: Specifications are based on the following conditions:
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit - indoor unit).

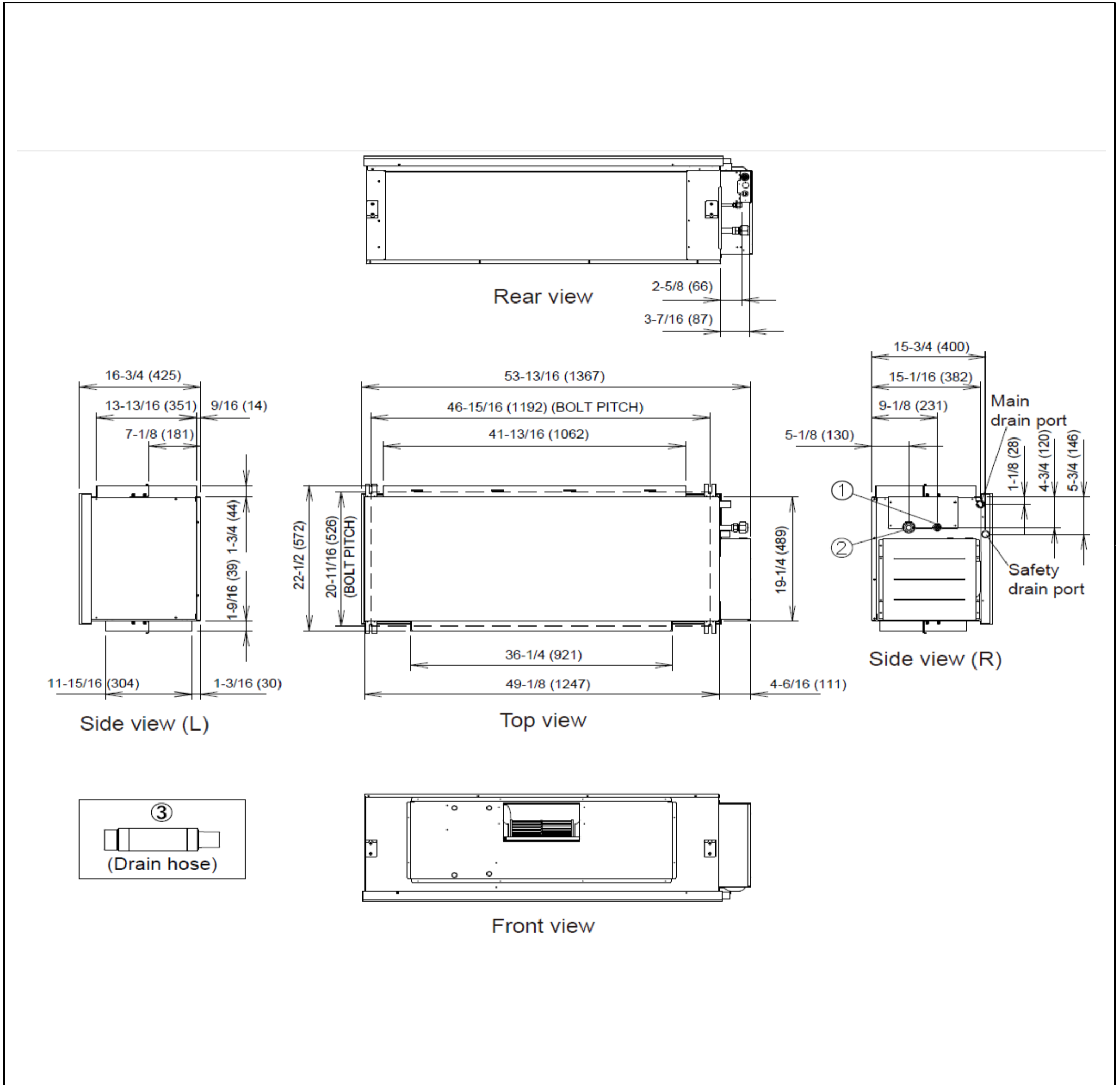


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DIMENSIONS

Unit: In. (mm)



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