

Vertical Air Handler (30,000 BTU) Indoor Unit For Heat-recovery/Heat-pump Airstage VRF System

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

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

FEATURES

- Quiet 3-speed fan
- Small foot print
- Adjustable Static pressure from 0.1 to 0.8 in.WG
- Easy access front panel
- Built-in standard MERV3 Filter
- Filter Size 20 × 22-¼ × 1
- Auxiliary heat operation capability
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.



STATIC PRESSURE

Static Pressure Range - in.WG [Pa] 0.1 to 0.8 [25 to 200]
 Standard Static Pressure - in.WG [Pa] 0.5 [125]

CAPACITY

Capacity - Cooling - Btu/h [kW] 30,000 [8.8]
 Capacity - Heating - Btu/h [kW] 34,000 [10]

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

CONTROLLER

UTY-RNRUZZ Individual Touch Panel Controller (Wired Remote)
 UTY-RSRY Simple Remote (WITH Master Control) 2-Wire
 UTY-RHRY Simple Remote (WITHOUT Master Control) 2-Wire
 UTY-RHKU Simple Remote (WITHOUT Master Control) (1/16 units)
 UTY-LNHU Wireless Remote Controller (requires IR Receiver)

UTY-DCGY Central Remote Controller (100 units)
 UTY-DTGYZ1 Touch Panel Controller with Internet (400 units)

ACCESSORIES

#N/A #N/A
 UTY-XSZX Remote Sensor for ducted units

WEIGHT AND DIMENSIONS

Enclosure - Net Weight - lbs [kg] 174 [79]
 Enclosure - Gross Weight - lbs [kg] 208 [95]
 Dimensions - Net (H x W x D) - in [mm] 51 × 22-3/16 × 23-13/16 [1,295 × 564 × 605]
 Dimensions - Gross (H x W x D) - in [mm] 58-1/2 × 28 × 33 [1,486 × 711 × 838]

ELECTRICAL

Power Source 208 / 230V, 1-Phase, 60Hz
 Available Voltage Range - VAC 187 to 253
 Input Power - W 253
 Full Load Amps - FLA - A 2.7
 Max Circuit Breaker - A 15
 Minimum Circuit Ampacity - MCA - A 3.38
 Fuse - A (V) 3.15 (250) + Fan 10 (250)

FAN

Fan Type 1X (Sirocco)
 Airflow Rate - High - CFM [m³/h] 1,092 [1,855]
 Airflow Rate - Medium - CFM [m³/h] 942 [1,600]
 Airflow Rate - Low - CFM [m³/h] 818 [1,390]

SOUND PRESSURE

Sound Pressure Level - dB(A) 40/43/45

WIRING

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

PIPING

Connection Pipe Diameter - Liquid (Flare) - in [mm] ø 3/8 [9.52]
 Connection Pipe Diameter - Gas (Flare) - in [mm] ø 5/8 [15.87]
 Connection Pipe Diameter - Drain (ID; OD) - in [mm] ø 3/4 [19.05]
 Drain-Pump Optional

ETL

E.T.L. 52439

TEMPERATURE SETTINGS

Operating Temp. Cooling (DB) - °F [°C] 64 to 90 [18 to 32]
 Operating Temp. Heating (DB) - °F [°C] 50 to 86 [10 to 30]

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).

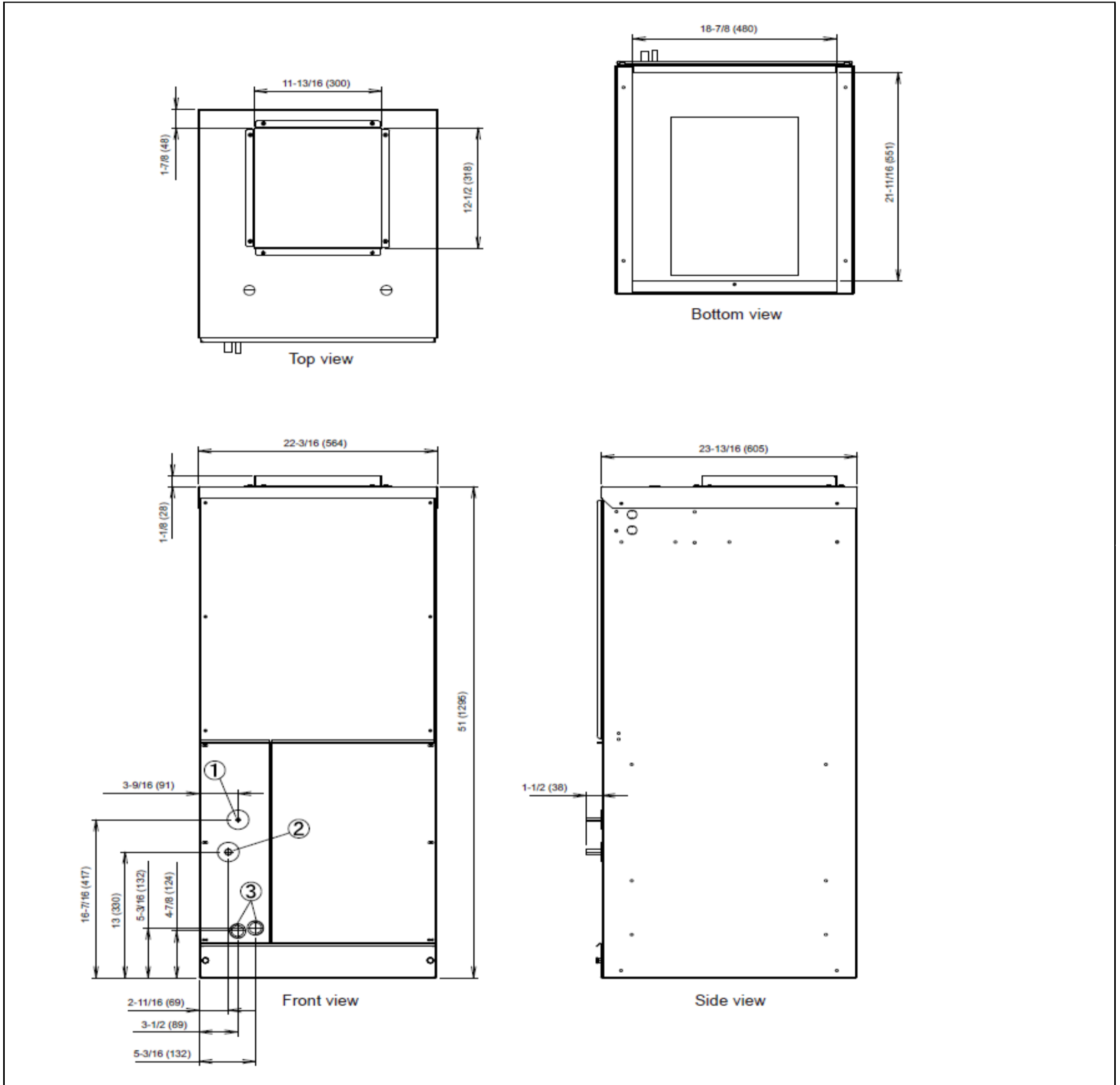


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For Heat-recovery/Heat-pump Airstage VRF System

DIMENSIONS

Unit: In. (mm)



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