

## Vertical Air Handler (18,000 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 16 × 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] 18,000 [5.3]  
 Capacity - Heating - Btu/h [kW] 20,000 [5.9]

### 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 142  
 Full Load Amps - FLA - A 1.71  
 Max Circuit Breaker - A 15  
 Minimum Circuit Ampacity - MCA - A 2.14  
 Fuse - A (V) 3.15 (250) + Fan 10 (250)

### CONTROLLER

UTY-RNRUZ2 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)

### FAN

Fan Type 1X (Sirocco)  
 Airflow Rate - High - CFM [m³/h] 630 [1071]  
 Airflow Rate - Medium - CFM [m³/h] 547 [930]  
 Airflow Rate - Low - CFM [m³/h] 506 [860]

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

### SOUND PRESSURE

Sound Pressure Level - dB(A) 39/40/43

### ACCESSORIES

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

### WIRING

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

### WEIGHT AND DIMENSIONS

Enclosure - Net Weight - lbs [kg] 148 [67]  
 Enclosure - Gross Weight - lbs [kg] 177 [81]  
 Dimensions - Net (H x W x D) - in [mm] 51 × 17-11/16 × 23-13/16 [1,295 × 450 × 605]  
 Dimensions - Gross (H x W x D) - in [mm] 58-1/2 × 24 × 30 [1,486 × 610 × 762]

### 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).



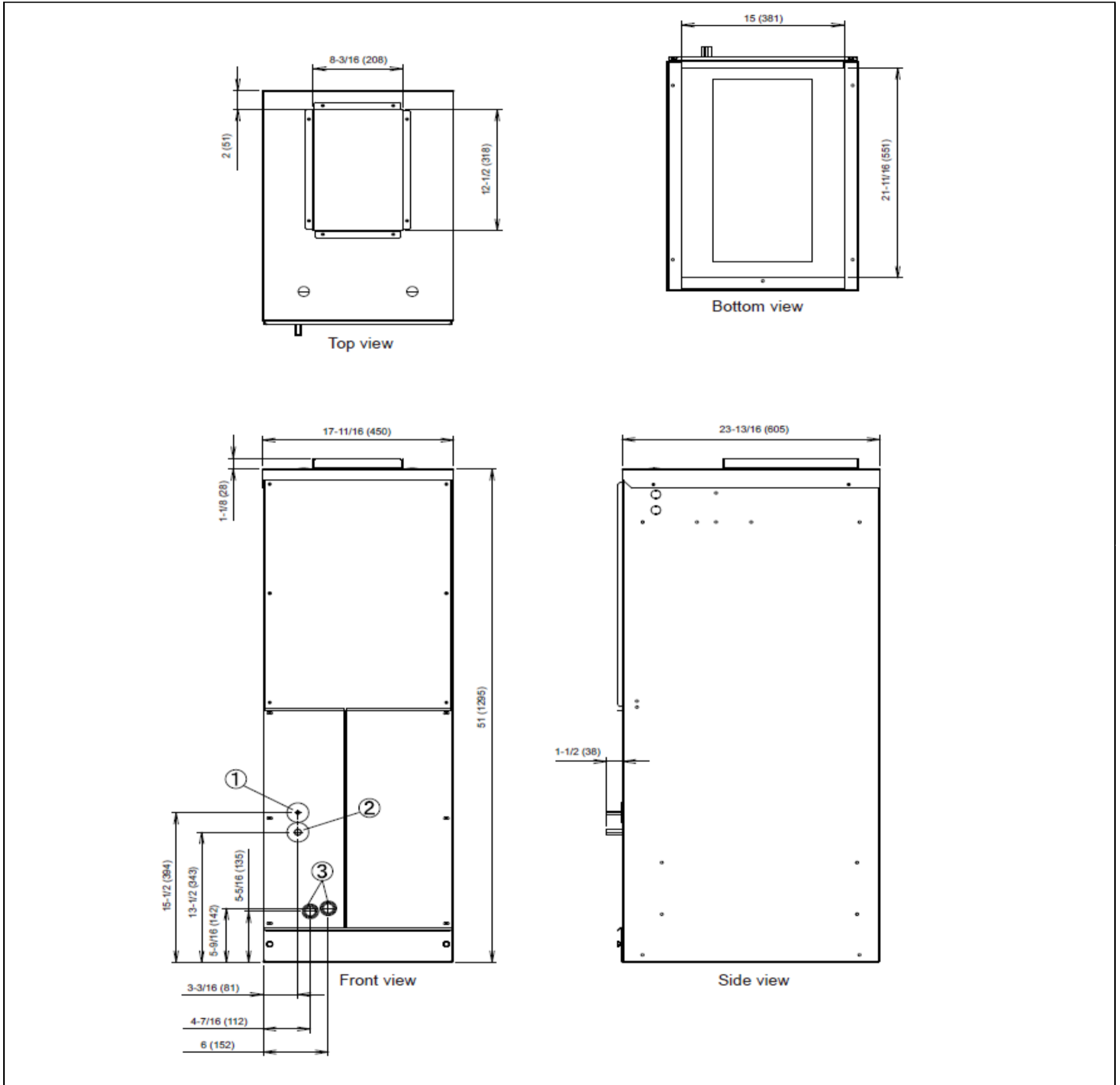
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SUBMITTAL ARUV18TLAV

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For Heat-recovery/Heat-pump Airstage VRF System

DIMENSIONS

Unit: In. (mm)



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