

**Multi-Position Air Handling unit (48,000 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
- Up flow, Horizontal right and left installations
- Easy conversion to Horizontal Right
- Adjustable Static pressure from 0.1 to 0.8 in.WG
- Easy access front panel
- Optional Filter Base available
- Filter Size 22 x 24 x 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]	48,000 [14.1]
Capacity - Heating - Btu/h [kW]	54,000 [15.8]

### 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	322
Full Load Amps - FLA - A	4.12
Max Circuit Breaker - A	15
Minimum Circuit Ampacity - MCA - A	5.15
Fuse - A (V)	3.15 (250) + Fan 10 (250)

### CONTROLLER

UTY-RNRUZ5	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-LNHU	Wireless Remote Controller (requires IR Receiver)
UTY-TTRX	Third Party Thermostat Interface (Halcyon/Airstage)
UTY-TFSXZ2	Wi-Fi adapter (WiFi Interface Module for 2 wire systems)
UTY-DCGYZ2	Central Remote Controller (100 units)
UTY-DTGYZ1	Touch Panel Controller with Internet (400 units)

### FAN

Fan Type	1X (Sirocco)
Airflow Rate - High - CFM [m³/h]	1,400 (2,379)
Airflow Rate - Medium-High - CFM [m³/h]	
Airflow Rate - Medium - CFM [m³/h]	1,260 (2,141)
Airflow Rate - Medium-Low - CFM [m³/h]	
Airflow Rate - Low - CFM [m³/h]	1,130 (1,920)
Airflow Rate - Quiet- CFM [m³/h]	

### ACCESSORIES

UTY-XSZX	Remote Sensor for ducted units
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### SOUND PRESSURE

Sound Pressure Level - dB(A)	42/44/46
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### WIRING

Communication Cable	LonWorks (Fujitsu Pink Cable. See AE Bulletin 009)
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### WEIGHT AND DIMENSIONS

Enclosure - Net Weight - lbs [kg]	172 (78.0)
Enclosure - Gross Weight - lbs [kg]	187 (84.8)
Dimensions - Net (H x W x D) - in [mm]	58-3/4 x 24-1/2 x 21-3/4 (1,492 x 622 x 552)
Dimensions - Gross (H x W x D) - in [mm]	63 x 27 x 27- 8/16( 1600 x 686 x 699)

### PIPING

Connection Pipe Diameter - Liquid (Brazing) - in [mm]	Ø 3/8 (9.52)
Connection Pipe Diameter - Gas (Brazing) - in [mm]	Ø 5/8 (15.88)
Connection Pipe Diameter - Drain (ID; OD) - in [mm]	I.D.: Ø 3/4 (19.05)
Drain-Pump	Optional

### ETL

E.T.L.	52439
Operating Temp. Cooling (DB) - °F [°C]	64 to 88 [18 to 31]
Operating Temp. Heating (DB) - °F [°C]	50 to 88 [10 to 31]



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).

DIMENSIONS

