

Multi-Position Air Handling unit (12,000 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 16 x 20 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]	0.10 to 0.80 (25 to 200)
Standard Static Pressure - in.WG [Pa]	0.5 [125]

CAPACITY

Capacity - Cooling - Btu/h [kW]	12,000 [3.5]
Capacity - Heating - Btu/h [kW]	13,500 [4]

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	77
Full Load Amps - FLA - A	1.23
Max Circuit Breaker - A	15
Minimum Circuit Ampacity - MCA - A	1.54
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]	350 (595)
Airflow Rate - Medium-High - CFM [m³/h]	
Airflow Rate - Medium - CFM [m³/h]	320 (544)
Airflow Rate - Medium-Low - CFM [m³/h]	
Airflow Rate - Low - CFM [m³/h]	290 (493)
Airflow Rate - Quiet- CFM [m³/h]	

ACCESSORIES

UTY-XSZX	Remote Sensor for ducted units
86ET0002	16 x 20 Filter Base, Small Cabinet 12k, 18k, 24k

SOUND PRESSURE

Sound Pressure Level - dB(A)	33/35/37
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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]	100 (45.4)
Enclosure - Gross Weight - lbs [kg]	111 (50.3)
Dimensions - Net (H x W x D) - in [mm]	43 x 17-1/2 x 21 (1,092 x 444 x 533)
Dimensions - Gross (H x W x D) - in [mm]	45 x 19-3/4 x 26-3/4 (1,143 x 502 x 679)

PIPING

Connection Pipe Diameter - Liquid (Brazing) - in [mm]	Ø 1/4 (6.35)
Connection Pipe Diameter - Gas (Brazing) - in [mm]	Ø 1/2 (12.70)
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).



SUBMITTAL

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ARUX12TLAV2



DIMENSIONS

