

SUBMITTAL ASUB18RLAV

Drawing No



Wall (18,000 BTU) Indoor Unit For Heat-pump Airstage VRF System

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

Date **Approval** Construction Unit No

FEATURES

- Powerful output in a compact design
- Built-in deoderizing and ionizing filters for better air quality
- Auto swing louvers
- Very low power usage
- Built-in IR Receiver
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.





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	35
	20

CONTROLLER	
UTY-RNKU	Wired Remote Control
UTY-RHKU	Simple Remote (WITHOUT Master Control) (1/16 units)
UTY-LNHU	Wireless Remote Controller (requires IR Receiver)

Max Circuit Breaker - A	20
Minimum Circuit Ampacity - MCA - A	0.4
Fuse - A (V)	3.15 (250)

Central Remote Controller (100 units) UTY-DCGY

FAN	
Fan Type	Cross flow
Airflow Rate - High - CFM [m³/h]	494 [840]
Airflow Rate - Medium - CFM [m³/h]	453 [770]
Airflow Rate - Low - CFM [m³/h]	406 [690]

UTY-DTGYZ1 Touch Panel Controller with Internet (400 units)

SOUND PRESSURE	
Sound Pressure Level - dB(A)	35/39/4

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]	31 [14]
Enclosure - Gross Weight - Ibs [kg]	40 [18]
Dimensions - Net (H x W x D) - in [mm]	12-5/8 × 39-5/16 × 9 [320 × 998 × 228]
Dimensions - Gross (H x W x D) - in [mm]	12-9/16 × 42-15/16 × 16-7/8 [319 × 1,090 × 429]

Connection Pipe Diameter - Liquid (Flare) - in [mm]	ø 3/8 [9.52]
Connection Pipe Diameter - Gas (Flare) - in [mm]	ø 5/8 [15.88]
Connection Pipe Diameter - Drain (ID: OD) - in [mm]	ø 1/2 [12]

[12] Drain-Pump Optional

EIL	
E.T.L.	91986

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: Oft. (Om) (Outdoor unit - indoor unit).



PIPING

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DIMENSIONS Unit: In. (mm) 39-5/16 (998) 12-5/8 (320) 20-1/2 (520) 23-1/4 (590) 1 (25) 9 (228) 28-3/8 (721) 3 ø5/8 (16) ø1/2 (12) 20-1/2 (520) 1-7/16 (37) 13/16 (20) Unit center 15-3/4 (400) 17-5/16 (439) 11/16 x 7/16 (18 x 11) hole 5/8 (16) 9-9/16 (243) 4-7/16 (113) 15-1/4 (387) 1 x 7/16 (26 x 11) hole 1 x 7/16 (26 x 11) hole 6-11/16 (170) 5-1/8 (130) 2-15/16 (75) 2-15/16 (75) 13/16 x 3/16 (21 x 5): 14holes 11/16 x 7/16 (18 x 11) hole outline of UNIT 6-3/4 (172) -13/16 (122) 5-1/4 (133) 4-15/16 (126) 3/16 x 11/16 (5 x 18): 14holes 1/2 1-3/4 (44) 12-5/8 (320): Unit size -3/4 (197 10-9/16 (269) 0-11/16 (272) (90 /2 (13) ∠1-3/16 (30) 15-5/8 (397) 17-1/4 (438) ø4 (80) hole or more ø4 (80) hole or more for pipe inlet for pipe inlet 39-3/8 (1000): Unit size 3/16 x 1-15/16 (5 x 50): 3holes ø3/16 (5): 65holes 1/2 x 3/16 (13 x 5): 4holes for tapping screw

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