

## SUBMITTAL ARUH60TLAV



# High Static Pressure Duct (60,000 BTU) Indoor Unit For Heat-recovery/Heat-pump Airstage VRF System

Job Name		
Location	Date_	
Engineer	Approval	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

#### **FEATURES**

- Quiet 3-speed fan
- Adjustable Static pressure from 0.4 to 1 in.WG
- Very low power usage
- Dual direction drain piping
- Auxiliary heat operation capability
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.





# STATIC PRESSURE Static Pressure Range - in.WG [Pa] Standard Static Pressure - in.WG [Pa] 0.40 to 1.00 [100 to 250] 0.40 [100]

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-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)

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

ACCESSORIES	
#N/A	#N/A
UTD-LF60KA	Long Life Filter
UTY-TEKX	External Switch Controller. Use with 3-Wire remotes only.
UTY-XSZX	Remote Sensor for ducted units

WEIGHT AND DIMENSIONS	
Enclosure - Net Weight - lbs [kg]	
Enclosure - Gross Weight - lbs [kg]	

Dimensions - Gross (H x W x D) - in [mm]  $18-1/8 \times 48-7/16 \times 25-3/16$  [ $460 \times 1,230 \times 640$ ]

#### CAPACITY

Fuse - A (V)

Capacity - Cooling - Btu/h [kW]	60,000 [17.6]
Capacity - Heating - Btu/h [kW]	67,000 [19.6]

ELECTRICAL	
Power Source	208 / 230V, 1-Phase, 60Hz
Available Voltage Range - VAC	187 to 253
Input Power - W	806
Full Load Amps - FLA - A	3.86
Max Circuit Breaker - A	15
Minimum Circuit Ampacity - MCA - A	4.83

FAN	
Fan Type	2X (Sirocco)
Airflow Rate - High - CFM [m³/h]	1,972 [3,350]
Airflow Rate - Medium - CFM [m³/h]	1,678 [2,850]
Airflow Rate - Low - CFM [m³/h]	1.501 [2.550]

#### **SOUND PRESSURE**

Sound Pressure Level - dB(A)	41/44/48

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

#### **PIPING**

101 [46] 112 [51]

15-3/4 × 41-5/16 × 19-11/16

 $[400 \times 1,050 \times 500]$ 

Connection Pipe Diameter - Liquid (Flare) - in [mm]	ø 3/8 [9.52]
Connection Pipe Diameter - Gas (Flare) - in [mm]	ø 3/4 [19.05]
Connection Pipe Diameter - Drain (ID; OD) - in [mm]	ø 3/4 [19]
Drain-Pump	Optional

**ETL**E.T.L. 91987

#### **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).



Fujitsu General America, Inc. 353 Route 46 West Fairfield, NJ 07004 Toll Free: (888) 888-3424 Fax: (973) 836-0453 www.airstagevrf.com

3.15 (250) + Fan 10 (250)

Dimensions - Net (H x W x D) - in [mm]



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Unit: In. (mm) **DIMENSIONS** 3-7/16 (88) 2-13/16 (71) Rear view 14-5/8 (371) 42-1/2 (1080) 14 (356) 8-3/16 (208) 39-3/8 (1000) 15-3/4 (400) 33-15/16 (862) 12-3/4 (324) 9/16 (14) 4-1/4 (108) 1-5/8 (41) 6-1/8 (155) 4-13/16 (123) 5-1/2 (139) Drain port · o 23-1/16 (585) 19-11/16 (500) **38**5) 12-Ø1/8 (3) P4-3/4 (120) x 2 = 9-7/16 (240) 1-1/8 (28) Side view (R) 4-15/16 P4-3/4 (120) x 5 = 23-5/8 (600) 4-15/16 11-5/8 (295) 1 (26) (125)(126)33-1/2 (851) 3-3/8 Side view (L) (85)41-5/16 (1050) Top view 3 (Drain hose) Front view

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