

High Static Pressure Duct (96,000 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
- 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]	0 to 1.2 [0 to 300]
Standard Static Pressure - in.WG [Pa]	0.60 [150]

CAPACITY	
Capacity - Cooling - Btu/h [kW]	96,000 [28.1]
Capacity - Heating - Btu/h [kW]	108,000 [31.7]

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

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]	231 [105]
Enclosure - Gross Weight - lbs [kg]	276 [125]
Dimensions - Net (H x W x D) - in [mm]	21-5/8 x 62-1/2 x 27-9/16 [550 x 1,587 x 700]
Dimensions - Gross (H x W x D) - in [mm]	24-7/16 x 68-7/8 x 32-1/2 [620 x 1,750 x 825]

ELECTRICAL	
Power Source	208 / 230V, 1-Phase, 60Hz
Available Voltage Range - VAC	187 to 253
Input Power - W	838
Full Load Amps - FLA - A	7.52
Max Circuit Breaker - A	15
Minimum Circuit Ampacity - MCA - A	9.4
Fuse - A (V)	3.15 (250) + Fan 20 (250)

FAN	
Fan Type	2X (Sirocco)
Airflow Rate - High - CFM [m³/h]	2,855 [4,850]
Airflow Rate - Medium - CFM [m³/h]	2,502 [4,250]
Airflow Rate - Low - CFM [m³/h]	2,119 [3,600]

SOUND PRESSURE	
Sound Pressure Level - dB(A)	42/45/48

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

PIPING	
Connection Pipe Diameter - Liquid (Brazing) - in [mm]	ø1/2 [12.70]
Connection Pipe Diameter - Gas (Brazing) - in [mm]	ø7/8 [22.22]
Connection Pipe Diameter - Drain (ID; OD) - in [mm]	ø 3/4 [19]
Drain-Pump	Optional

ETL	
E.T.L.	91987

TEMPERATURE RANGES	
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).



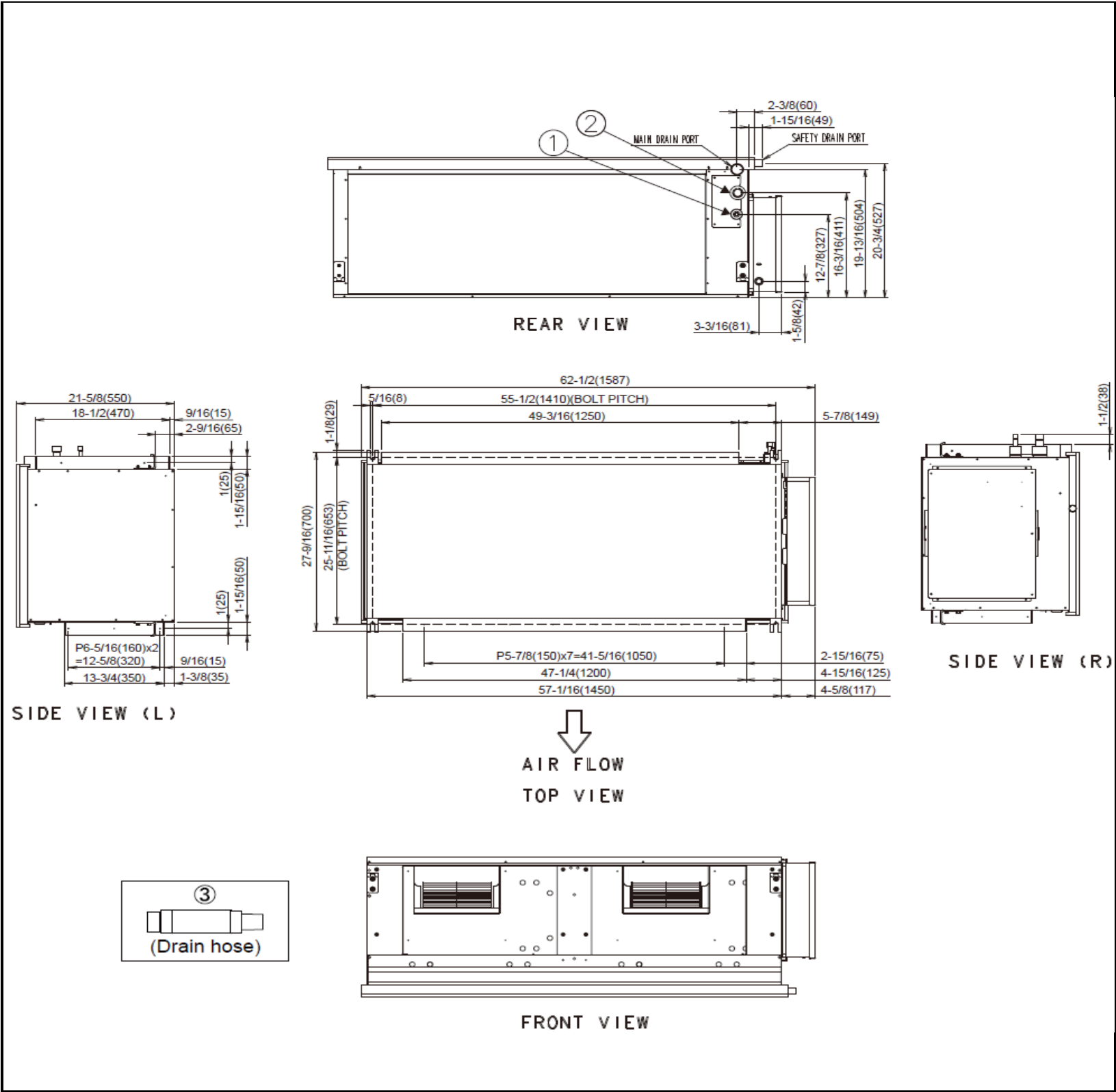
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SUBMITTAL ARUH96TLAV

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For Heat-recovery/Heat-pump Airstage VRF System

DIMENSIONS

Unit: In. (mm)



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