FUJITSU

SUBMITTAL ARUL18RLAV

AIRSTAGE™

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

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

FEATURES

- Quiet 3-speed fan
- Slim design require small height clearance 9-¾"
- Adjustable Static pressure from 0 to 0.36 in.WG
- Built-in high-lift drain pump
- Flexible air intake connection (Back or bottom)
- Built-in intake air filter
- Optional Auto louver grille
- Very low power usage
- 10 year Extended Warranty on parts and compressor. See Warranty Statement.

10 YEAR WARRANTY

STATIC PRESSURE

Static Pressure Range - in.WG [Pa]	0 to 0.36 [0 to 90]
Standard Static Pressure - in.WG [Pa]	0.10 [25]

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-RNKU	Wired Remote Control
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-GXSB-W	Auto Louver Grille for Slim Duct
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]	51 [23]
Enclosure - Gross Weight - lbs [kg]	67 [30]
Dimensions - Net (H x W x D) - in [mm]	7-13/16 × 35-7/16 × 24-7/16 [198 × 900 × 620]
Dimensions - Gross (H x W x D) - in [mm]	10-7/8 × 46 × 30-3/8 [276 × 1,168 × 772]

CAPACITY

Capacity - Cooling - Btu/h [kW]	18,000 [5.3]
Capacity - Heating - Btu/h [kW]	20,000 [5.9]

ELECTRICAL

Power Source	208 / 230V, 1-Phase, 60Hz
Available Voltage Range - VAC	187 to 253
Input Power - W	83
Max Circuit Breaker - A	20
Minimum Circuit Ampacity - MCA - A	0.66
Fuse - A (V)	5 (250)

FAN

Fan Type	3X (Sirocco)
Airflow Rate - High - CFM [m³/h]	553 [940]
Airflow Rate - Medium - CFM [m³/h]	494 [840]
Airflow Rate - Low - CFM [m³/h]	441 [750]

SOUND PRESSURE

Sound Pressure Level - dB(A)	28/32/34

WIRING

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

PIPING

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 3/4 [19.05]
Drain-Pump	Built-in
Drain-Pump Lift - in [mm]	33 7/16 [850]

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).
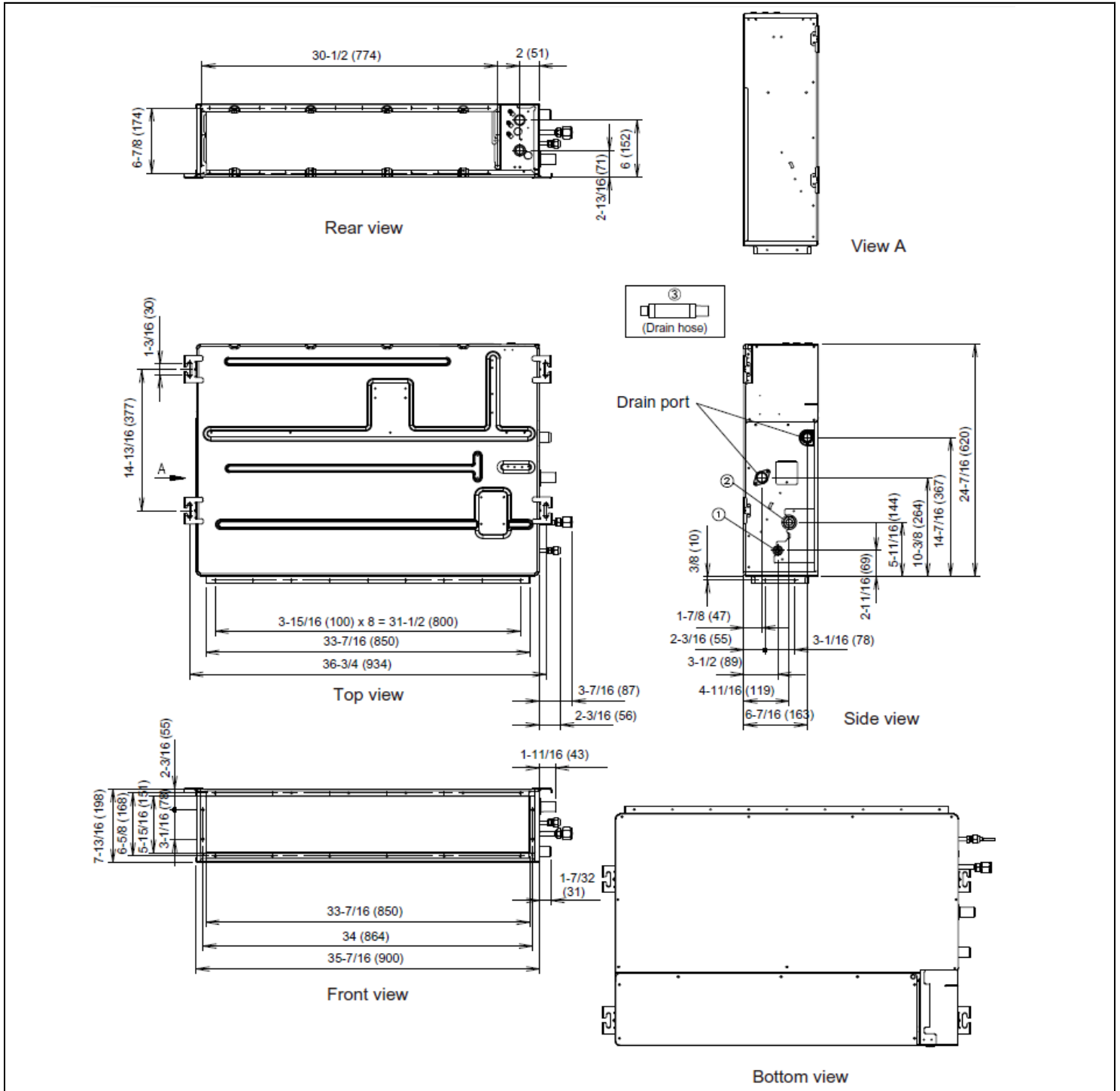
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DIMENSIONS

Unit: In. (mm)

Rear view

View A

③
(Drain hose)

Top view

Drain port

Side view

Front view

Bottom view

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