

**Submittal Data: ARU24RLF
Inverter Driven Heat Pump**

24,000 BTU Slim Duct Type

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Refrigerant Type R410A.
- Wired and wireless remote controllers
- Auto changeover
- Weekly timer
- Removable open panel
- Super quiet operation
- Removable air filter
- Program timer
- 5 years standard parts warranty
- Eligible for 10 year or 12 year parts warranty. See warranty statement for details.

Model Information

Evaporator..... ARU24RLF
 Condenser compatibility..... AOU36RLXFZ, AOU36RLXFZ,
 AOU48RLXFZ, AOU48RLXFZ1

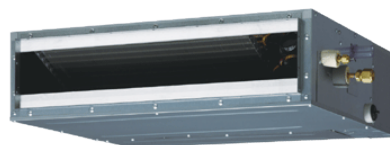
Electrical..... 208/230V AC 1ph-60Hz
 Available Voltage Range..... 208/230 +/- 10%
 Minimum Circuit Ampacity..... 0.89 A
 Full Load Amps..... 0.71 A
 Input Power..... 73 W
 Running Current..... 0.66 A

Capacity
 Nominal Cooling..... 24,000 Btu/h
 Nominal Heating..... 27,000 Btu/h

Fan Motor
 Type: DC..... Sirocco x3
 Motor Output..... 81 W
 Fan Motor Protection..... off: 275 ± 27°F (135 ± 15°C)
 on: 239 ± 27°F (115 ± 15°C)

Airflow Rate
 Cooling (High / Medium / Low / Quiet)
 783 CFM (1330 m3/h) / 730 CFM (1240 m3/h) / 648 CFM (1100 m3/h) / 607 CFM (1030 m3/h)
 Heating (High / Medium / Low / Quiet)
 783 CFM (1330 m3/h) / 730 CFM (1240 m3/h) / 648 CFM (1100 m3/h) / 607 CFM (1030 m3/h)

Heat Exchanger
 Dimensions
 (H x W x D) in. (mm) 11-9/16 x 35-7/16 x 1-9/16 (294x900x39.9)
 Fin Pitch..... 20 FPI
 Rows x Stages..... 3 x 14
 Pipe Type (Material)..... Copper
 Type (Material)..... Polystyrene



Temperature Setting Range

Cooling..... 64°F - 90°F (18°C - 32°C)
 Heating..... 60°F - 88°F (16°C - 30°C)

Enclosure

Material..... Galvanized Steel Sheet

Sound Pressure Level

Cooling
 High/Medium/Low/Quiet..... 33 dB (A) / 32 dB (A) / 30 dB (A) / 29 dB (A)
 Heating
 High/Medium/Low/Quiet..... 35 dB (A) / 34 dB (A) / 32 dB (A) / 29 dB (A)

Dimensions

H x W x D
 in. (mm)..... 7-13/16 x 43-5/16 x 24-7/16 (198x1100x620)

Connection Pipe

Liquid..... 1/4" in. (6.35 mm)
 Gas..... 5/8" in. (15.88 mm)
 Method (Liquid/Gas)..... Flare
 Drain hose
 Material..... Hard PVC
 Size..... Ø1 (I.D.), Ø1-1/4 (O.D.) [Ø25 (I.D.), Ø32 (O.D.) mm]

Weight

Net..... 55 lbs. (25 kg)
 Gross..... 68 lbs. (31 kg)

Accessories

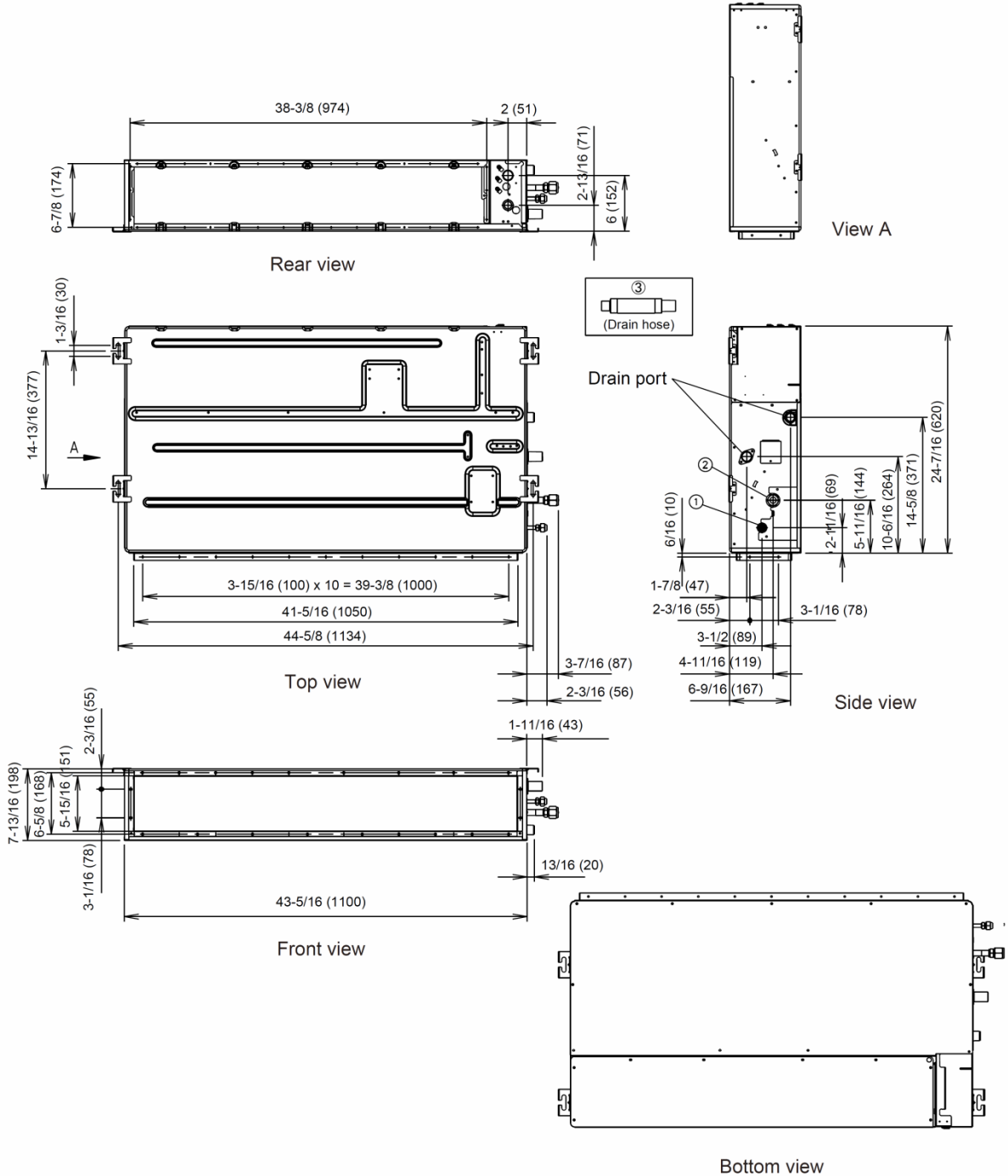
Wired Remote Controller..... UTY-RNNUM
 Backlit Display..... UTY-RVNUM
 Simple Remote Controller..... UTY-RSNUM
 Remote Sensor..... UTY-XSZZ
 Receiver Unit..... UTY-LRHUM
 Slim Duct Connector Kit..... UTD-ECS5A

Note: Specifications are based on the following conditions.
 Cooling: Indoor temperature of 80°F (26.7°C) DB/67°F (19.44°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/59°F (15°C) WB, and outdoor temperature of 47°F (8.33°C) DB/43°F (6.11°C) WB.
 Pipe length: 24ft. 7in. (7.5m). Height difference: 0ft. (0m) (Outdoor unit - indoor unit)



Dimensions: ARU24RLF

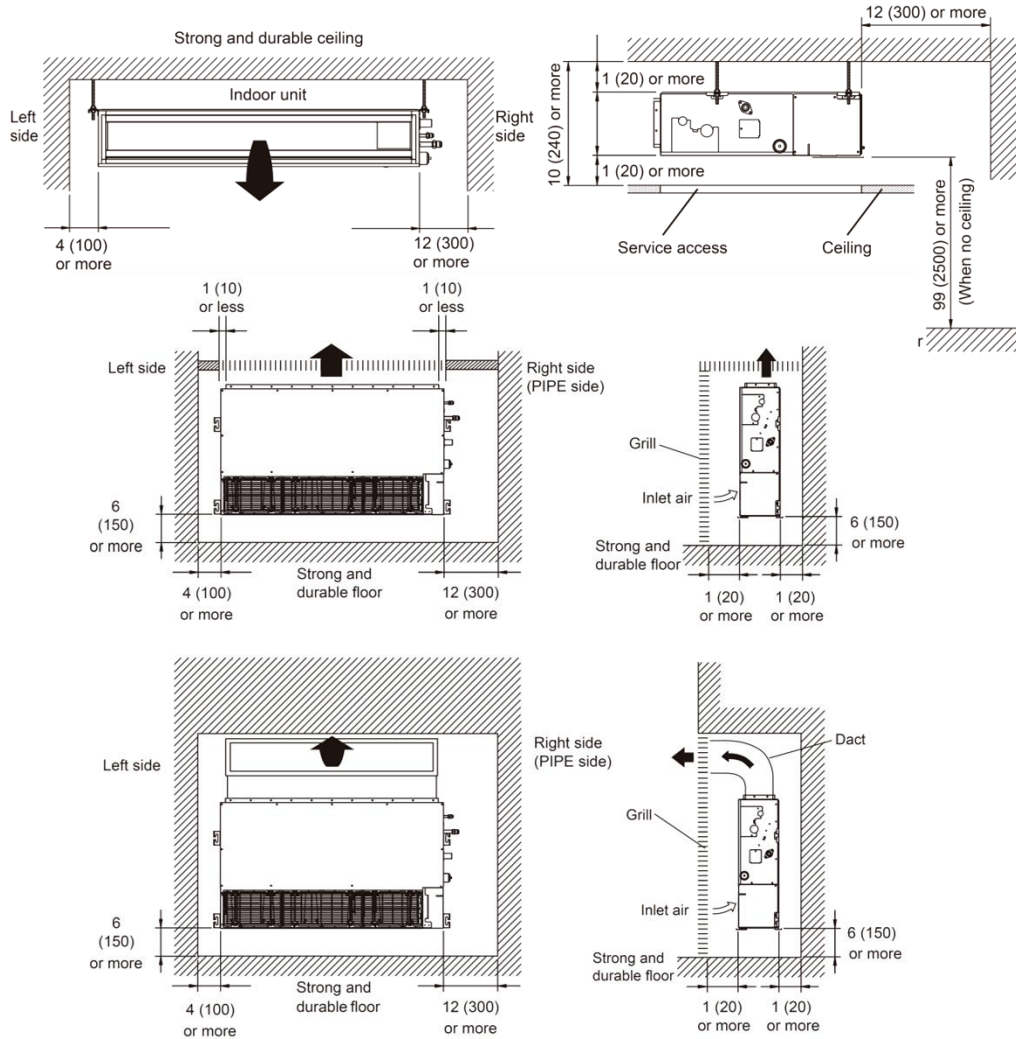
[Unit: in. (mm)]



Dimensions: ARU24RLF

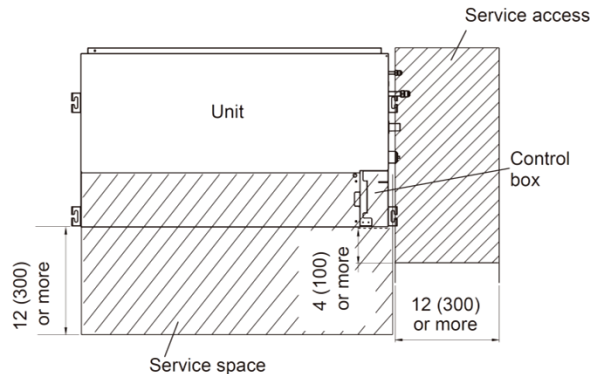
[Unit: in. (mm)]

■ Installation Place



■ Maintenance Space

Provide a service access for inspection purposes as shown below. Do not place any wiring or illumination in the service space, as they will impede service.



Dimensions: ARU24RLF

■ Fan Performance Curve

