

**Submittal Data: 9RLFF
Inverter Driven Heat Pump**

9,000 BTU Floor Type

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Wired or wireless remote
- Apple catechin filter
- Ion deodorizing filter
- Sleep timer
- 24-hour timer
- Auto louver: up/down
- Auto mode
- Powerful mode
- Standard Warranty: 5 years parts, 7 years compressor. Applies to systems purchased before June 1st 2015*
- Extended Warranty: 10 years parts, 10 years compressor. Systems that have been installed on or after June 1st 2015 by licensed contractors and the online Product Registration has been submitted.**
- Elite Contractor Extended Warranty: 12 years parts, 12 years compressor. Systems that have been installed on or after June 1st 2015 by contractors who have met requirements and have been approved for elite contractor status plus, the online Product Registration has been submitted. ***

Model Information

Condenser..... AOU9RLFF
Evaporator..... AGU9RLF

Electrical..... 208/230V AC 1ph-60Hz
Available Voltage Range..... 208/230 +/- 10%

Minimum Circuit Ampacity..... 10.8 A

Max Operating Current

Cooling..... 9.3 A

Heating..... 10.8 A

Input Power

Cooling..... 0.56 kW

Min-Max..... 0.20 – 2.05 kW

Heating..... 0.88 kW

Min-Max..... 0.20 – 2.62 kW

Running Current

Cooling..... 2.9 A

Heating..... 4.1 A

Capacity

Nominal Cooling..... 9,000 Btu/h

Min-Max Cooling..... 3,100 – 13,000 Btu/h

Nominal Heating..... 12,000 Btu/h

Min-Max Heating..... 3,100 – 18,800 Btu/h

Compressor

Motor Output..... 850 W

Refrigerant..... R410a

Charge..... 2 lbs. 10 oz.

Oil..... FREOL α68SZ

Fan Motor

(Condenser) Type: DC..... Propeller fan x1

(Condenser) Motor Output..... 115 W

(Evaporator) Type: DC..... Cross flow fan x2

(Evaporator) Motor Output..... 16 W x2

Heat Exchanger

Condenser

(H x W x D) in. (mm) 23-1/8 x 34-11/16 x 1-7/16 (588x881x36.4)

Fin Pitch..... 20 FPI

Rows x Stages..... 2 x 18

Pipe Type (Material)..... Copper

Type (Material)..... Polystyrene

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 (21.11°C) DB/59°F (15.5°C) WB, and outdoor temperature of 47°F (8.33°C) DB/43°F (6.11°C) WB.
Pipe length: 24ft. Tin. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit) (*Standard warranty / **10 year warranty / ***12 year warranty)

Temperature Setting Range

Cooling..... 14°F - 115°F (-10°C – 46°C)
Heating..... -5°F - 75°F (-21°C - 24°C)

Efficiency

SEER..... 26.0
EER (cooling)..... 4.71 kW/kW
COP (heating)..... 4.00 kW/kW
HSPF (heating)..... 12.6 Btu/h/W

Enclosure

(Condenser) Material..... Steel
(Condenser) Color..... Beige (approximate color or Munsell 10 YR 7.5/1.0)
(Evaporator) Material..... Polystyrene
(Evaporator) Color..... White (approximate color of Munsell N9.25)

Sound Pressure Level

Condenser..... 50 dB (A)
Evaporator..... 40 dB (A)

Dimensions

H x W x D
Condenser in. (mm)..... 24-7/16 x 31-1/8 x 11-7/16 (620x790x290)
Evaporator in. (mm)..... 23-5/8 x 29-1/8 x 7-7/8 (600x740x200)

Connection Pipe

Liquid..... 1/4" in. (6.35 mm)
Gas..... 3/8" in. (9.52 mm)
Method (Liquid/Gas)..... Flare

Weight

Condenser..... 84 lbs. (38 kg)
Evaporator..... 31 lbs. (14 kg)

Accessories

Wired Remote Controller..... UTY-RNNUM
Wired Remote Controller..... UTY-RVNUM
Simple Remote Controller..... UTY-RSNUM
External Connect Kit..... UTY-XWZXZ5

Safety Devices

(Condenser) Current fuse near the terminal..... 20A 250V & 5A 250V
(Condenser) Current fuse on PCB..... 15A 250V & 3.15A 250V
Compressor protection..... off: 230°F (110°C) on: after 7 minutes

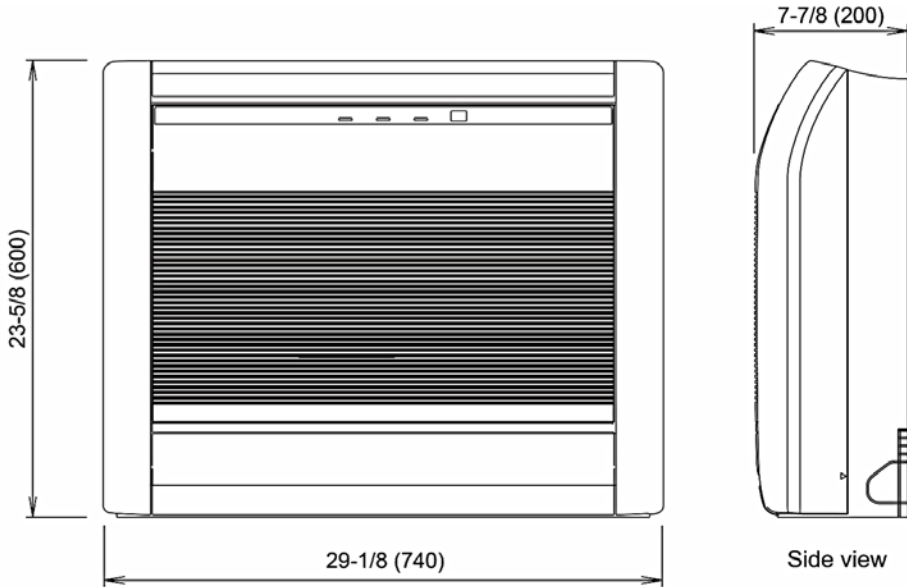
Intertek®ETL Number

AOU9RLFF..... 91986
AGU9RLF..... 91986



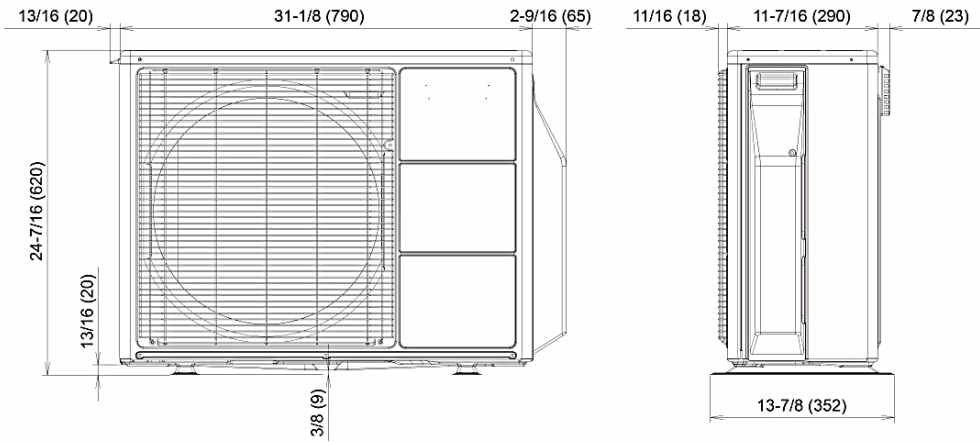
Dimensions: 9RLFF

[Unit: in. (mm)]



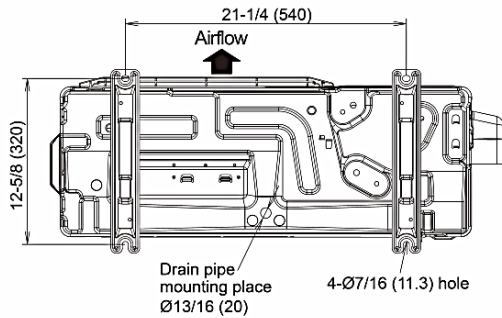
Front view

Side view



Front view

Side view



Bottom view

