

**Submission Data: 15RLFF
Inverter Driven Heat Pump**

15,000 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 & have been approved for elite contractor status plus, the online Product Registration has been submitted.***

Model Information

Condenser..... AOU15RLFF
Evaporator..... AGU15RLF

Electrical
Available Voltage Range..... 208/230V AC 1ph-60Hz
Minimum Circuit Ampacity..... 208/230 +/- 10%
Minimum Circuit Ampacity..... 10.8 A

Max Operating Current
Cooling..... 9.3 A
Heating..... 10.81 A

Input Power
Cooling..... 1.13 kW
Min-Max..... 0.18 – 2.16 kW
Heating..... 1.58 kW
Min-Max..... 0.18 – 3.30 kW

Running Current
Cooling..... 5.1 A
Heating..... 7.0 A

Capacity
Nominal Cooling..... 14,200 Btu/h
Min-Max Cooling..... 3,100 – 17,700 Btu/h
Nominal Heating..... 18,000 Btu/h
Min-Max Heating..... 3,100 – 20,800 Btu/h

Compressor
Motor Output..... 1,000 W
Refrigerant..... R410a
Charge..... 2 lbs. 12 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



Temperature Setting Range

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

Efficiency

SEER..... 20.3
EER (cooling)..... 3.68 kW/kW
COP (heating)..... 3.34 kW/kW
HSPF (heating)..... 11.2 Btu/hW

Enclosure

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

Sound Pressure Level

Condenser..... 54 dB (A)
Evaporator..... 44 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..... 1/2" in. (12.70 mm)
Method (Liquid/Gas)..... Flare

Weight

Condenser..... 86 lbs. (39 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..... 25A 250V
(Condenser) Current fuse on PCB..... 10A 250V & 3.15A 250V
Compressor protection..... off: 230°F (110°C) on: after 7 minutes

Intertek®ETL Number

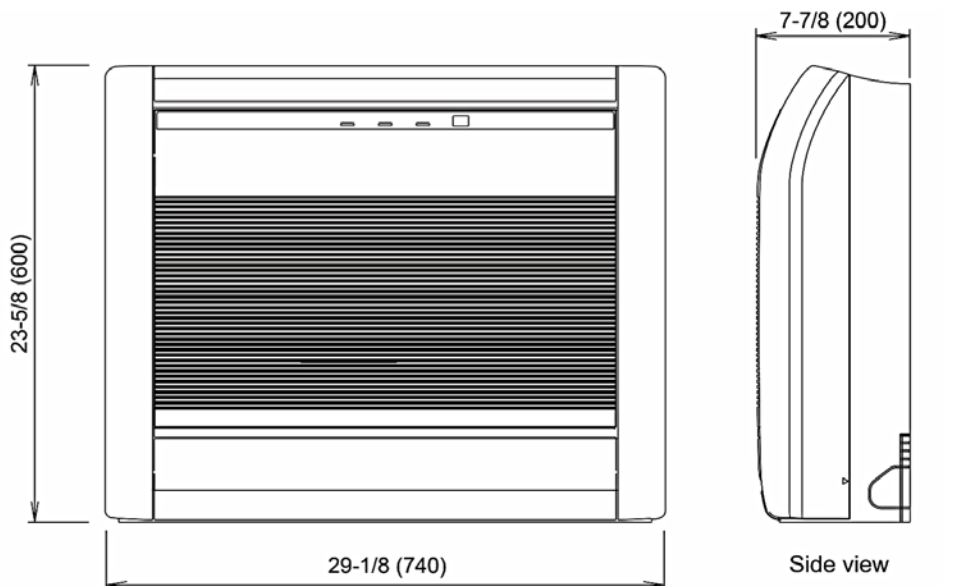
AOU15RLFF..... 91986
AGU15RLF..... 91986

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. Tin (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit) (*Standard warranty/**10 year warranty***12 year warranty)

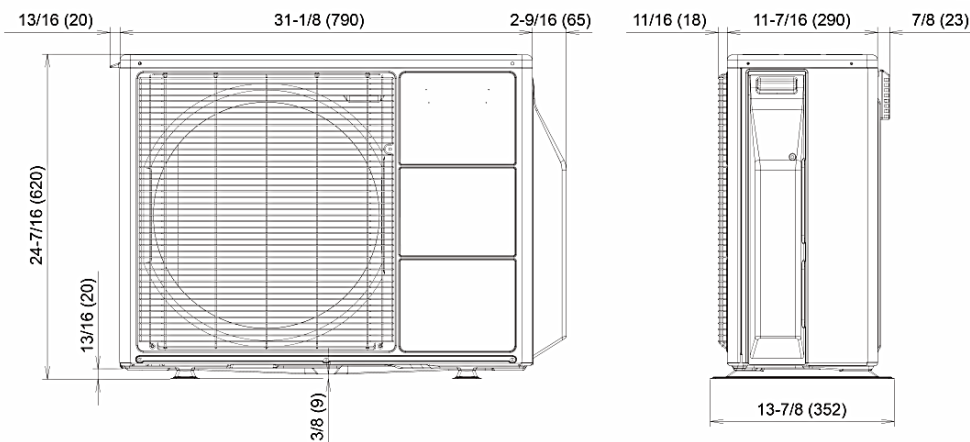


Dimensions: 15RLFF

[Unit: in. (mm)]

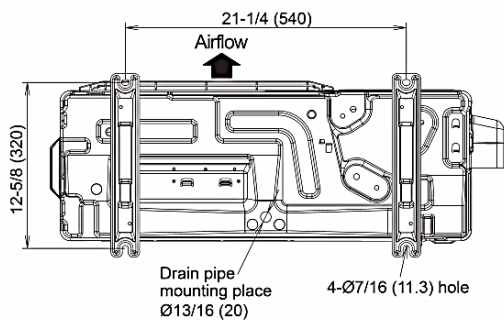


Front view



Front view

Side view



Bottom view

