

**Submittal Data: 15RLFFH
Inverter Driven Heat Pump**

15,000 BTU Floor Type

Job Name: Daniel Goodman

Date: 12-5-17

Location: 130 Upper A Street, Peaks

Approval: _____

Engineer: n/a

Construction: _____

Submitted to: City of Portland

Unit #: _____

Submitted by: Doggin Energy

Drawing #: _____

Reference: n/a

General Features

- Wired or wireless remote
- Apple catch-in filter
- Ion deodorizing filter
- Sleep timer
- 24-hour timer
- Auto louver: up/down
- Base panel heater
- Low ambient heating
- 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 AOU15RLFFH
Evaporator AGU15RLF

Electrical 208/230V AC 1ph-60Hz
Available Voltage Range 208/230 +/- 10%
Minimum Circuit Ampacity 14.8 A
Max Fuse Size 20 A
Max Starting Current 7.0 A

Input Power

Cooling 1.13 kW
Heating 1.58 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

..... Rotary (inv x1)
Motor Output 1,000 W
Refrigerant R410a
Charge 2 lbs. 12 oz.
Oil FREOL a68SZ

Fan Motor

(Condenser) Type: DC Propeller 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) 23-1/8 x 34-11/16 x 1-7/16 (588x881x36.4)
Fin Pitch 20 FPI
Rows x Stages 2 x 28
Pipe Type (Material) Copper
Fin Type (Material) Aluminum



Operation Temperature Range

Cooling 14°F - 115°F (-10°C - 46°C)
Heating -15°F - 75°F (-26°C - 24°C)

Efficiency

SEER 20.3
EER (cooling) 3.68 kW/kW
COP (heating) 3.34 kW/kW
HSPF (heating) 11.0 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" / 6.35 mm Flare
Gas 1/2" / 12.70 mm Flare
Method (Liquid/Gas) Brazing
Max Length (Pre-charge) 66 ft.(20 m) / (49 ft. {15 m})
Max Height Difference 49 ft. (15 m)

Weight

Condenser 86 lbs. (39 kg)
Evaporator 31 lbs. (14 kg)

Accessories

Wired Remote Controller UTY-RVNUM
Wired Remote Controller UTY-RNNUM
Simple Remote Controller UTY-RSNUM
Communication Kit UTY-TWBXF1
External Connection Kit UTY-XWZXZ5

Intertek®ETL Number

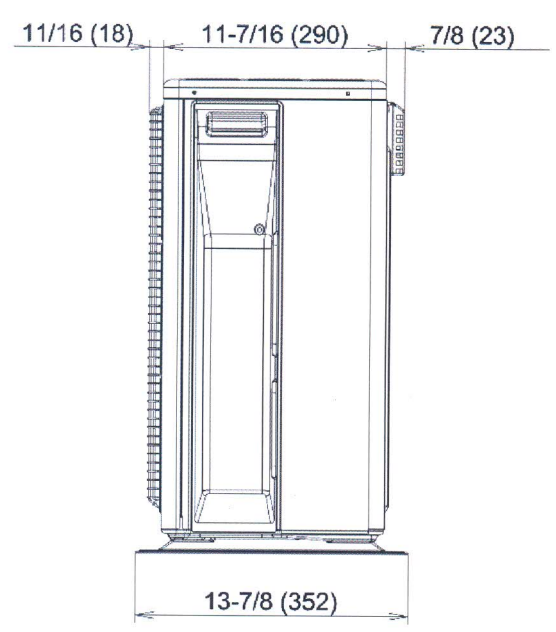
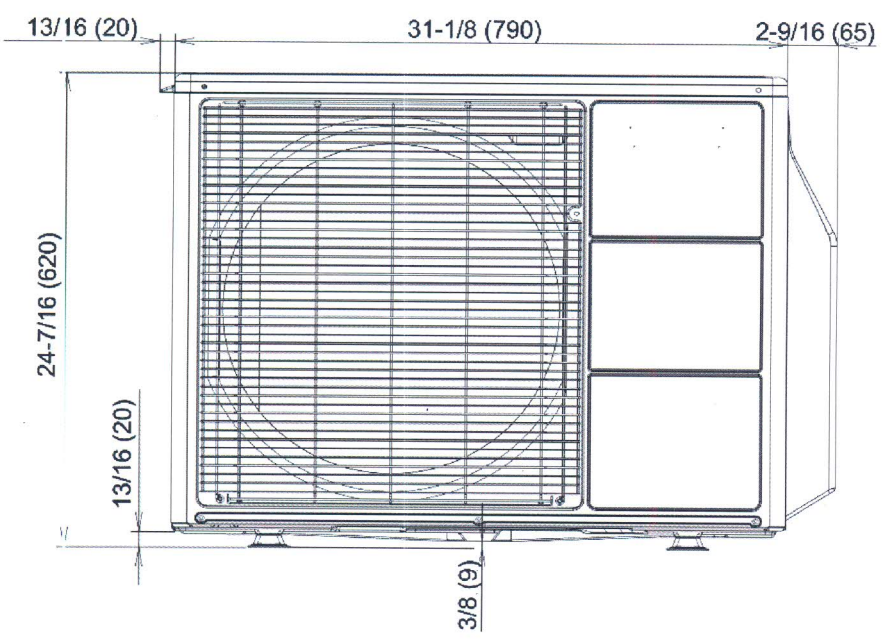
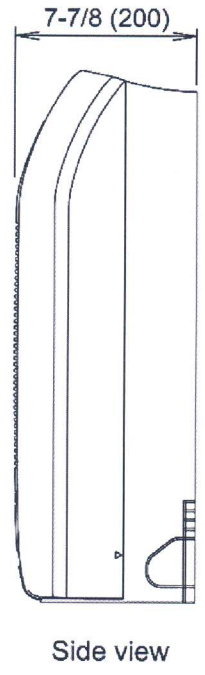
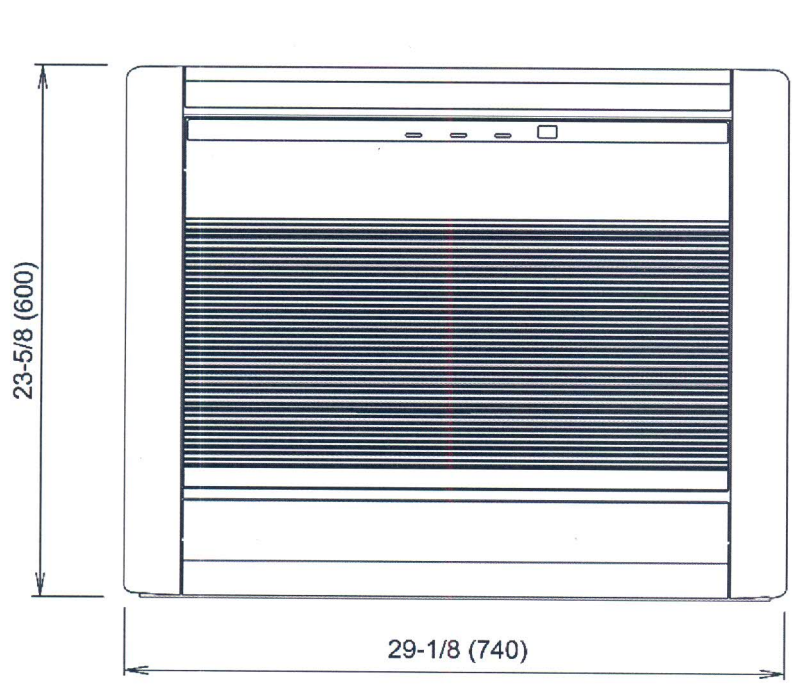
AOU15RLFF 91986
AGU15RLF 91986

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 (21.11°C) DB/59°F (15.0°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)
(*Standard warranty) **10 year warranty ***12 year warranty



Dimensions: 15RLFFH

[Unit: in. (mm)]



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