

**Submittal Data: 12RLS3H  
Inverter Driven Heat Pump**

**12,000 BTU Wall Mount**

Job Name: \_\_\_\_\_

Date: \_\_\_\_\_

Location: \_\_\_\_\_

Approval: \_\_\_\_\_

Engineer: \_\_\_\_\_

Construction: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Unit #: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Drawing #: \_\_\_\_\_

Reference: \_\_\_\_\_

**General Features**

- Wired or wireless remote
- Energy saving program
- Sleep timer
- 24-hour timer
- Weekly timer
- Dry mode
- Powerful mode
- High performance heating
- Base pan heater
- Standard Warranty: 5 years parts, 7 years compressor. Applies to systems purchased before June 1<sup>st</sup> 2015\*
- Extended Warranty: 10 years parts, 10 years compressor. Systems that have been installed on or after June 1<sup>st</sup> 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 1<sup>st</sup> 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..... AOUI2RLS3H  
Evaporator..... ASU12RLS3

**Electrical**..... 208/230V AC 1ph-60Hz  
Available Voltage Range..... 208/230 +/- 10%  
Minimum Circuit Ampacity..... 14.4 A  
Max Fuse Size..... 15A  
Max Starting Current..... 3.3 A

**Input Power**

Cooling..... 0.79 kW  
Heating..... 1.01 kW

**Running Current**

Cooling..... 3.8 A  
Heating..... 4.7 A

**Capacity**

Nominal Cooling..... 12,000 Btu/h  
Min-Max Cooling..... 3,100-13,600 Btu/h  
Nominal Heating..... 16,000 Btu/h  
Min-Max Heating..... 3,100-22,000 Btu/h

**Compressor**

..... Rotary (inv x1)  
Motor Output..... 850W  
Refrigerant..... R410a  
Charge..... 2 lbs. 14 oz.  
Oil..... FREOL a68SZ

**Fan Motor**

(Condenser) Type: DC ..... Propeller x1  
(Condenser) Motor Output..... 49 W  
(Evaporator) Type: DC..... Cross flow fan x1  
(Evaporator) Motor Output..... 61 W

**Heat Exchanger** (Condenser (C) Evaporator (E))

Dimensions (H x W x D)  
Condenser..... 23-1/8 x 34-11/16 x 1-7/16 in. (588x881x36.4 mm)  
Evaporator..... Main 15-1/8 x 28-3/8 x 1-3/16 in. (384x720x30) Sub 3-5/16 x 28-3/8 x 1/2 in. (84x720x13.3 mm) 4-15/16 x 28-3/8 x 1/2 in. (126x720x13.3 mm)  
Fin Pitch..... 20 FPI (C) Main 21 FPI Sub 18 FPI (E)  
Rows x Stages..... 2 x 28 (C) Main 3 x 24 Sub 1 x 10 (E)  
Pipe Type (Material)..... Copper (C) Copper (E)  
Fin Type (Material)..... Aluminum (C) Aluminum (E)

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)



**Operation Temperature Range**

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

**Efficiency**

SEER..... 29.3  
EER (cooling)..... 4.46 kW/kW  
COP (heating)..... 4.64 kW/kW  
HSPF (heating)..... 13.8 Btu/hW

**Enclosure (Condenser)**

Material..... Painted galvanized steel  
Color..... Beige (10 YR 7.5/1.0 NN)

**Sound Pressure Level**

Condenser..... 47 dB(A)  
Evaporator..... 42 dB(A)

**Dimensions**

H x W x D  
Condenser in. (mm)..... 24-1/2 (620) x 31-1/8 (790) x 11-7/16 (290)  
Evaporator in. (mm)..... 11- 5/8 (295) x 37 (940) x 10-5/8 (270)

**Connection Pipe**

Liquid..... 1/4" / 6.35 mm Flare  
Gas..... 3/8" / 9.52 mm Flare  
Method (Liquid/Gas)..... Brazing  
Max Length (Pre-charge)..... 65 ft.(20 m) / (49 ft. { 15 m})  
Max Height Difference..... 49 ft. (15 m)

**Weight**

Condenser..... 86 lbs. (38 kg)  
Evaporator..... 31 lbs. (14 kg)

**Accessories**

UTY-RVNUM^..... Wired remote controller (backlit, shows room temp.)  
UTY-RNNUM^..... Wired remote controller  
UTY-RSNUM^..... Wired remote controller (simple)  
UTY-TWBXFI..... Interface kit  
UTY-XWZZZ5..... Dry contact wire kit

**Intertek®ETL Number**

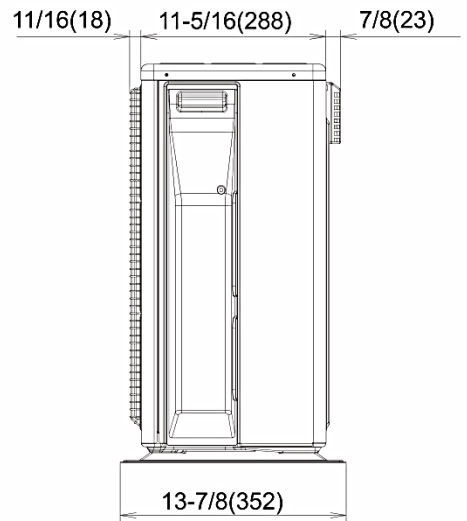
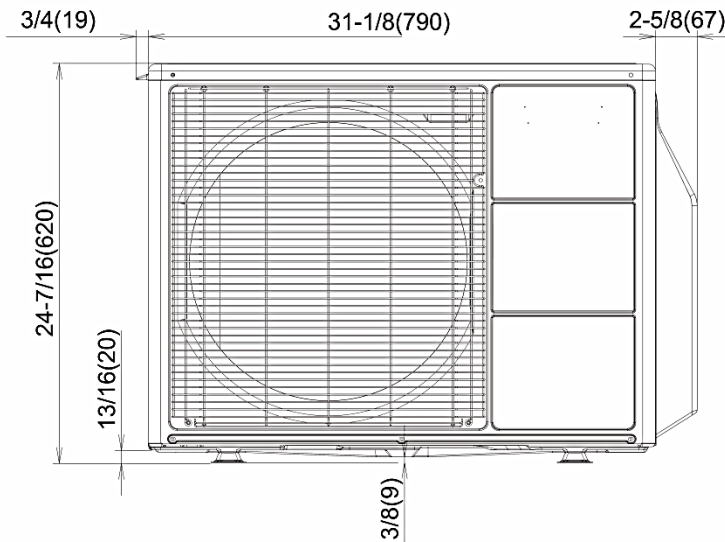
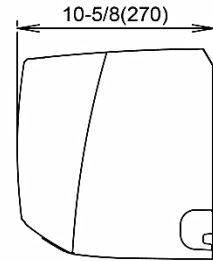
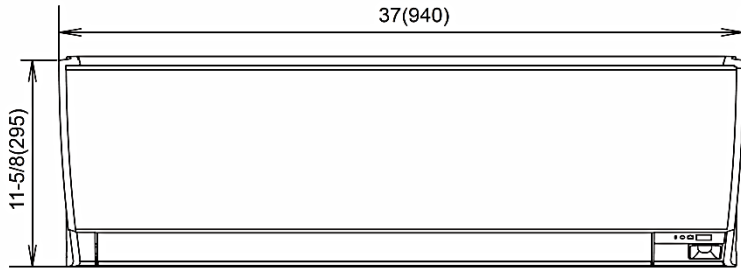
AOUI2RLS3H..... 91986  
ASU12RLS3..... 91986

^1 Requires interface kit # UTY-TWBXFI in order to connect these devices to them.



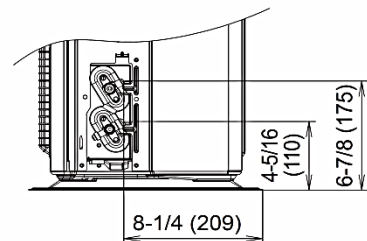
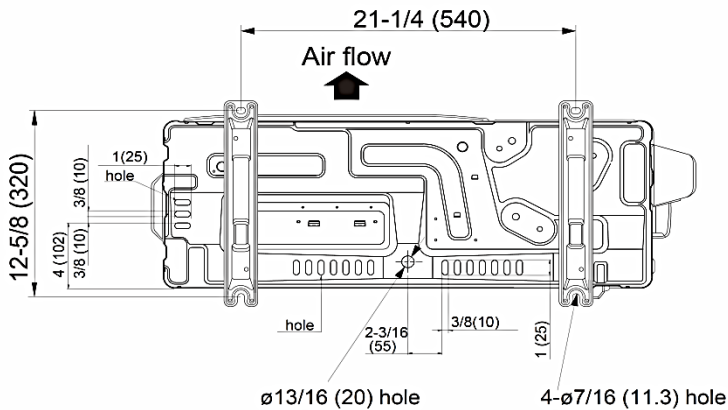
## Dimensions: 12RLS3H

[Unit: in. (mm)]



Front view

Side view



Bottom view