

**Submittal Data: 15RLS3Y
Inverter Driven Heat Pump**

15,000 BTU Wall Mount

Job Name: _____

Date: _____

Location: _____

Approval: _____

Engineer: _____

Construction: _____

Submitted to: _____

Unit #: _____

Submitted by: _____

Drawing #: _____

Reference: _____

General Features

- Wired or wireless remote
- Built-in Wi-Fi w/ App+
- High performance heating
- Temp setting by 1 degree
- Energy Saving Program
- Weekly timer
- Dry 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..... | AOU15RLS3H |
| Evaporator..... | ASU15RLS3Y |
| Electrical | 208/230V AC 1ph-60Hz |
| Available Voltage Range..... | 208/230 +/- 10% |
| Minimum Circuit Ampacity..... | 17.2 A |
| Max Fuse Size..... | 20A |
| Max Starting Current..... | 5.2 A |

Input Power

| | |
|--------------|---------|
| Cooling..... | 1.04 kW |
| Heating..... | 1.15 kW |

Running Current

| | |
|--------------|-------|
| Cooling..... | 4.8 A |
| Heating..... | 5.2 A |

Capacity

| | |
|----------------------|--------------------|
| Nominal Cooling..... | 14,500 Btu |
| Min-Max Cooling..... | 3,100-18,400 Btu/h |
| Nominal Heating..... | 18,000 Btu/h |
| Min-Max Heating..... | 3,100-23,900 Btu |

Compressor

| | |
|-------------------|-----------------|
| Motor Output..... | Rotary (inv x1) |
| Refrigerant..... | 1,000 W |
| Charge..... | R410a |
| Oil..... | 3 lbs. 1 oz. |
| | FREOL a68SZ |

Fan Motor

| | |
|--------------------------------|-------------------|
| (Condenser) Type: DC..... | Propeller x 1 |
| (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. 7in. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit)



Operation Temperature Range

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

Efficiency

| | |
|---------------------|-------------|
| SEER..... | 25.3 |
| EER (cooling)..... | 4.09 kW/kW |
| COP (heating)..... | 4.59kW/kW |
| HSPF (heating)..... | 13.4 Btu/hW |

Enclosure

| | |
|---------------|---|
| (condenser) | |
| Material..... | Painted galvanized steel |
| Color..... | Beige (10 YR 7.5/1.0 NN) |
| (evaporator) | |
| Material..... | Polystyrene |
| Color..... | White (Approximate color of Munsell SPB 9.25/0.5) |

Sound Pressure Level

| | |
|-----------------|----------|
| Condenser..... | 49 dB(A) |
| Evaporator..... | 45 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..... | 1/2" / 12.7 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. (39 kg) |
| Evaporator..... | 31 lbs. (14 kg) |

Accessories

| | |
|-----------------|---|
| UTY-RNNUM..... | Wired remote controller |
| UTY-RVNUM..... | Wired remote controller (backlit, shows room temp.) |
| UTY-RSNUM..... | Simple remote controller |
| UTY-TWBXF1..... | Interface kit |
| UTY-XWZXZ5..... | Dry contact wire kit |

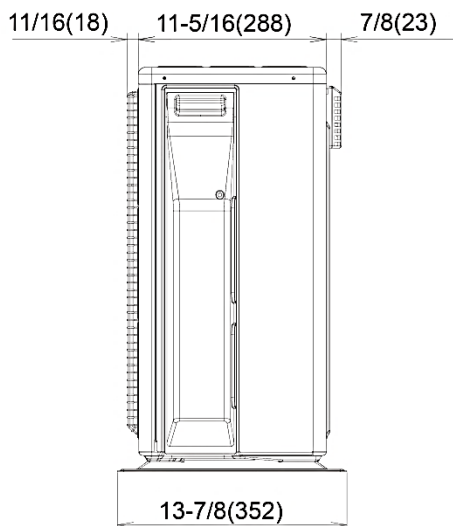
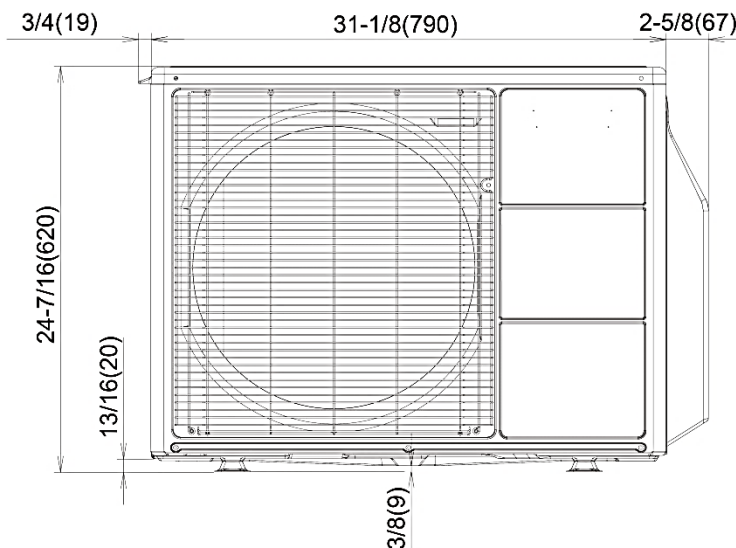
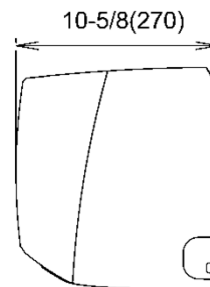
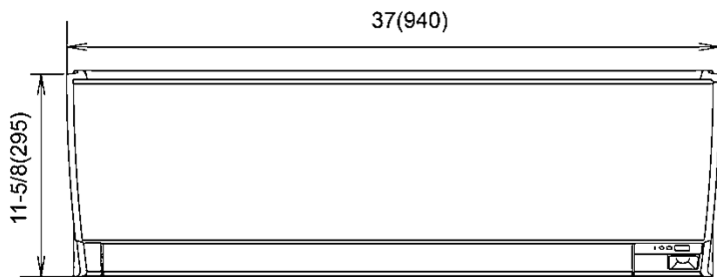
Intertek®ETL Number

| | |
|-----------------|-------|
| AOU15RLS3H..... | 91986 |
| ASU15RLS3Y..... | 91986 |

*1 Requires interface kit # UTY-TWBXF1 in order to connect these devices to them.

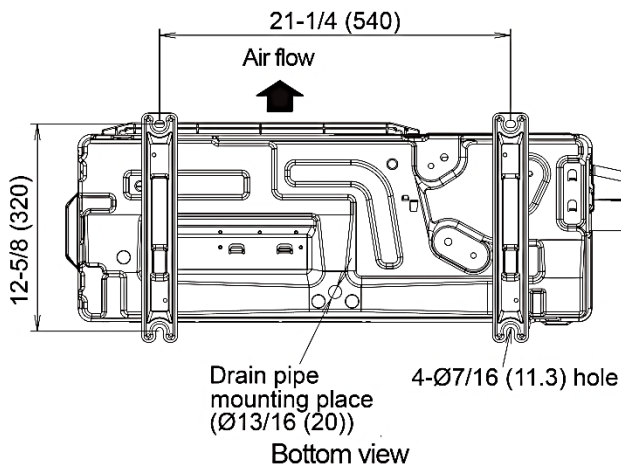
Dimensions: 15RLS3Y

[Unit: in. (mm)]



Front view

Side view



Drain pipe
mounting place
(Ø13/16 (20))

Bottom view

