

**Submission Data: 9RLFW1  
Inverter Driven Heat Pump**

**9,000 BTU Wall Mount**

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

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

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

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

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

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

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

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

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

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

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

**General Features**

- Wired or wireless remote control
- Apple catechin filter
- Ion deodorizing filter
- Auto louver: up/down
- Auto louver: 4-way
- Low ambient cooling
- Cold prevention
- Sleep timer
- 24-hour timer
- Dry mode
- 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..... AOU9RLFW1  
Evaporator..... ASU9RLF1

**Electrical**..... 208/230 V AC 1ph-60HZ

Available Voltage Range..... 187 - 253 V +/- 10%

Max Fuse Size..... 15 A

Max Operating Current

Condenser..... 0.4 A

Evaporator..... 4.2 A

Input Power

Cooling..... 0.65 kW

Heating..... 0.89 kW

Running Current

Cooling..... 3.2 A

Heating..... 4.2 A

**Capacity**

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

Min-Max Cooling..... 1,700 – 10,900 Btu/h

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

Min-Max Heating..... 1,700 – 15,000 Btu/h

**Compressor**

..... Rotary x1

Motor Output..... 500 W

Refrigerant..... R410a

Charge..... 1 lbs. 14 oz.

Oil..... RB68

**Fan Motor**

Type: DC (condenser)..... Propeller x1

Type: DC (evaporator)..... Cross flow fan x1

Motor Output (condenser)..... 23 W

Motor Output (evaporator)..... 30 W

**Heat Exchanger**

Condenser

(H x W x D) in. (mm)..... 19-13/16 x 25-1/4 x 1-7/16 (504x642x36.4)

Fin Pitch..... 18 FPI

Rows x Stages..... 2 x 24

Pipe Type (Material)..... Grooved H-Pin (Copper)

Type (Material)..... Corrugate (Aluminum)



**Operation Temperature Range**

Cooling..... 15°F to 115°F (-10°C - 46°C)

Heating..... 5°F to 75°F (-15°C - 24°C)

**Efficiency**

SEER..... 23.0

EER (cooling)..... 4.05 kW/kW

COP (heating)..... 3.95 kW/kW

HSPF (heating)..... 11.0 Btu/h/W

**Enclosure**

Material..... Polystyrene

Condenser..... Painted galvanized steel

Color

Condenser..... Beige (10 YR 7.5/1.0 NN)

Evaporator..... White

**Sound Pressure Level**

Condenser (max)..... 48 dB(A)

Evaporator (max)..... 43 dB(A)

**Dimensions**

H x W x D

Condenser in. (mm)..... 21-1/4 x 26 x 11-7/16in. (540x660x290)

Evaporator in. (mm)..... 10-9/16 x 33-1/16 x 8 (268x840x203)

**Connection Pipe**

Liquid..... Ø1/4 in. (Ø6.35 mm)

Gas..... Ø3/8 in. (Ø9.52 mm)

Method (Liquid/Gas)..... Flare

Max Length {(Pre-charge)}..... 66 ft. (20 m) {(49 ft.) (15 m)}

Max Height Difference..... 49 ft. (15 m)

**Weight**

Condenser..... 60 lbs. (27 kg)

Evaporator..... 19 lbs. (8.5 kg)

**Accessories**

UTY-RNNUM<sup>^1</sup>..... Wired remote control

UTY-RVNUM<sup>^1</sup>..... Wired remote control (backlit, shows room temp.)

UTY-RSNUM<sup>^1</sup>..... Wired remote control (simple)

UTY-XWZZ5..... Dry contact wire kit

**Intertek®ETL Number**

AOU9RLFW1..... 91986

ASU9RLF1..... 91986

<sup>^1</sup> Requires interface kit # UTY-XCBXZ2 in order to connect these devices to them.

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°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)

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## Dimensions: 9RLFW1

[Unit: in. (mm)]

