

**Submittal 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

- Refrigerant Type R410A.
- Wired or wireless remote controller
- Automatic airflow adjustment
- Auto/Cool/Dry/Fan/Heat modes
- Program timer
- Energy Star rated
- 5- Years Parts, 7-Years Compressor Warranty (See Warranty Statement for details)

Model Information

Condenser..... AOU9RLFW1
Evaporator..... ASU9RLFW1

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)..... 13.8

COP (heating)..... 13.50

HSPF (heating)..... 11.0

Enclosure

Material..... Polystyrene

Evaporator..... Painted galvanized steel

Condenser..... 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*1..... Wired remote control

UTY-RVNUM*1..... Wired remote control

UTY-RSNUM*1..... Wired remote control (simple)

UTY-XWZZZ5..... Dry contact wire kit

*1 Requires interface kit # UTY-TWBXF1 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)



Dimensions: 9RLFW1

[Unit: in. (mm)]

