

**Submittal Data: 9RLFFH  
Inverter Driven Heat Pump**

**9,000 BTU Floor Type**

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

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

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

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

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

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

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

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

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

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

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

**General Features**

- Swing operation
- Wired and wireless remote controllers
- Double swing automatic
- Automatic airflow adjustment
- Low noise mode
- Removable open panel
- Energy Star rated
- Base pan heater
- Extra low temperature heating
- 5- Years Parts, 7-Years Compressor Warranty (See Warranty Statement for details)

**Model Information**

Condenser..... AOU9RLFFH  
Evaporator..... AGU9RLF

**Electrical**  
Available Voltage Range..... 208/230V AC 1ph-60Hz  
Minimum Circuit Ampacity..... 11.8 A  
Max Fuse Size..... 15A  
Max Starting Current..... 4.1 A

**Input Power**

Cooling..... 0.56 kW  
Heating..... 0.88 kW

**Running Current**

Cooling..... 2.9 A  
Heating..... 4.1 A

**Capacity**

Nominal Cooling..... 9,000 Btu/h  
Min-Max Cooling..... 3,100 – 13,000 Btu/h  
Nominal Heating..... 12,000 Btu/h  
Min-Max Heating..... 3,100 – 18,800 Btu/h

**Compressor**

Motor Output..... 850 W  
Refrigerant..... R410a  
Charge..... 2 lbs. 10 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..... 26  
EER (cooling)..... 16.0 Btu/hW  
COP (heating)..... 13.6 Btu/hW  
HSPF (heating)..... 12.6 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..... 50 dB(A)  
Evaporator..... 40 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..... 3/8" / 9.52 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**

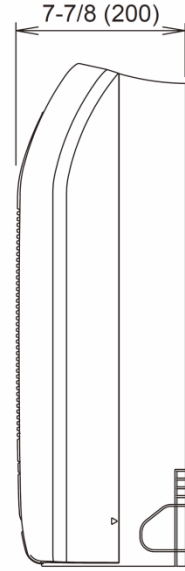
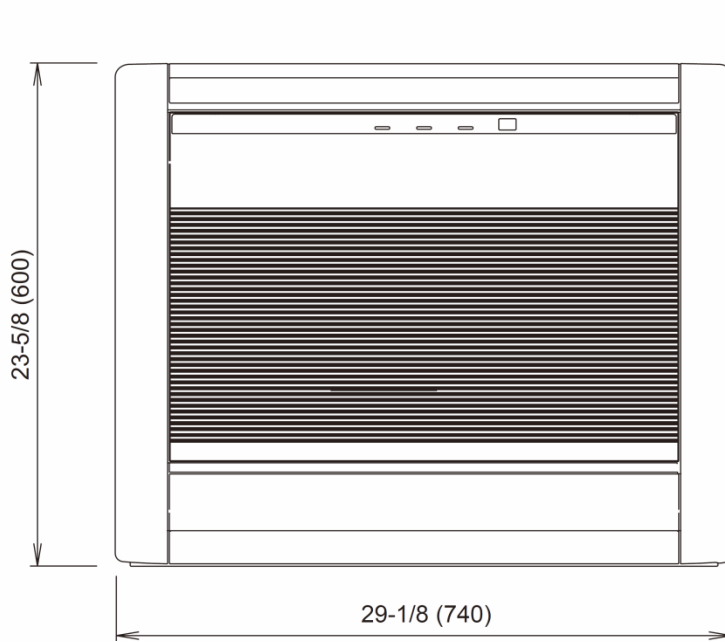
Wired Remote Controller..... UTY-RVNUM  
Wired Remote Controller..... UTY-RNNUM  
Simple Remote Controller..... UTY-RSNUM  
Communication Kit..... UTY-TWBXF1  
External Connection Kit..... UTY-XWZZ5

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. Tin. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – indoor unit)



## Dimensions: 9RLFFH

[Unit: in. (mm)]



Side view

