

Submittal Data: 9RLS3H
Inverter Driven Heat Pump

9,000 BTU Wall Mount

Job Name: Robert Morneau
 Location: 156 Wayside Road
 Engineer: n/a
 Submitted to: City of Portland
 Submitted by: Hoggin Energy
 Reference: n/a

Date: 10-3-17
 Approval: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

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 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..... AOU9RLS3H
 Evaporator..... ASU9RLS3

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

Input Power

Cooling..... 0.5 kW
 Heating..... 0.66 kW

Running Current

Cooling..... 2.5 A
 Heating..... 3.3 A

Capacity

Nominal Cooling..... 9,000 Btu/h
 Min-Max Cooling..... 3,100-12,000 Btu/h
 Nominal Heating..... 12,000 Btu/h
 Min-Max Heating..... 3,100-22,000 Btu/h

Compressor

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

Fan Motor

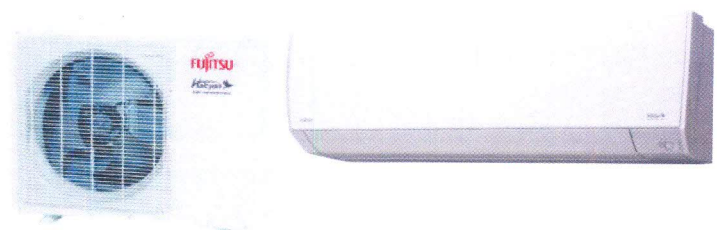
(Condenser) Type: DC..... Propeller x1
 (Condenser) Motor Output..... 49 W
 (Evaporator) Type: DC..... Cross flow fan x1
 (Evaporator) Motor Output..... 61 W

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 (21.11°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) (**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..... 33
 EER (cooling)..... 5.28 kW/kW
 COP (heating)..... 5.33kW/kW / 18.2 Btu/h/W
 HSPF (heating)..... 14.2 Btu/h/W

Enclosure (Condenser)

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

Sound Pressure Level

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

Dimensions

H x W x D
 Condenser (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)..... 66 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)

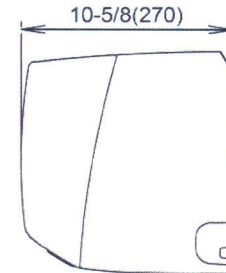
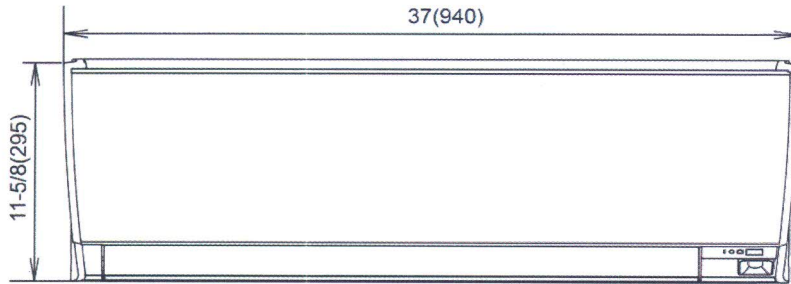
Accessories

UTY-RVNUM^..... Wired remote controller (backlit, shows room temp.)
 UTY-RNNUM^..... Wired remote controller
 UTY-RSNUM^..... Wired remote controller (simple)
 UTY-TWBXF1..... Interface kit
 UTY-XWZZZ5..... Dry contact wire kit
 ^1 Requires interface kit # UTY-TWBXF1 in order to connect these devices to them.

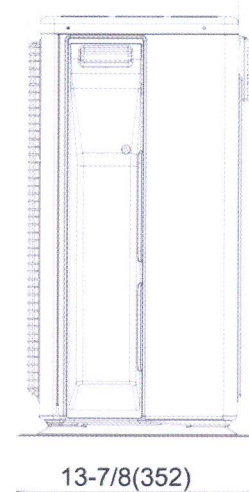
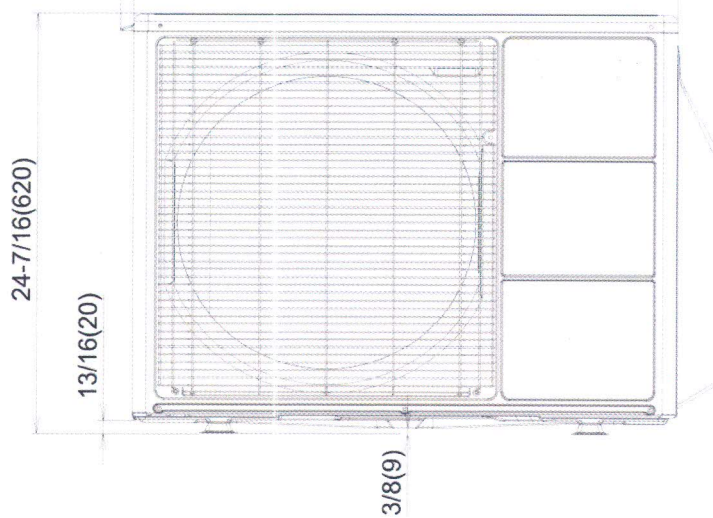


Dimensions: 9RLS3H

[Unit: in. (mm)]

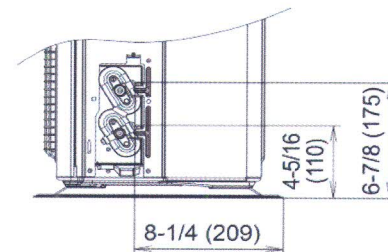
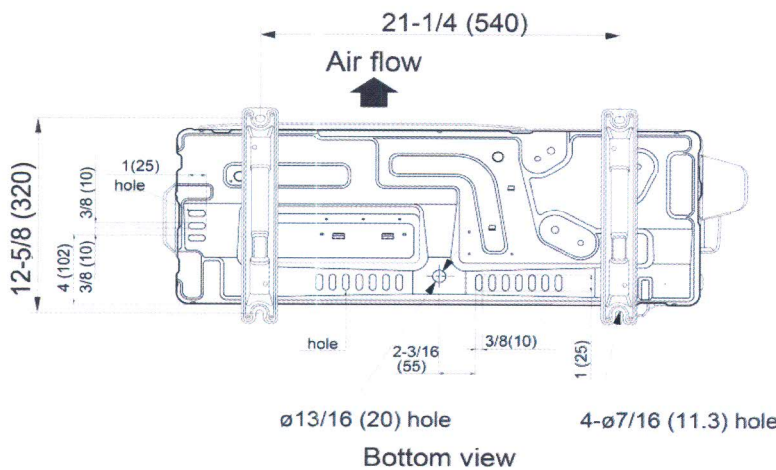


3/4(19) 31-1/8(790) 2-5/8(67) 11/16(18) 11-5/16(288) 7/8(23)



Front view

Side view



ø13/16 (20) hole 4-ø7/16 (11.3) hole
Bottom view