

# 9RLS2 Submittal



## AOU9RLS2, ASU9RLS2 Inverter Driven Heat Pump

Job Name: Renee Watson / Lou Dineen  
 Location: 48 Central Ave, Peaks Island  
 Engineer: n/a  
 Submitted to: City of Portland  
 Submitted by: Joggen Energy  
 Reference: n/a

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

**Outdoor Unit Power** 208-230VAC-1Ph-60Hz  
 Available Voltage Range 187-253VAC  
 Fuse Size, Max. 20A  
 MCA 10.5A

**Compressor** Inverter Driven Variable Speed DC Rotary  
 No. used 1  
 Output 850W  
 Lubricant Oil POE (RB68)

**Fan type** Propeller  
 Motor Output 115W  
 Airflow Rate Cooling/Heating (High) 1082 / 1840CFM

**Refrigerant** 410A  
 Outdoor Unit 2lbs 10oz  
 Control Electronic Expansion Valve  
 O.D. Discharge (in) 1/4"(Flare)  
 O.D. Suction (in) 3/8"(Flare)

**Dimensions** H x W x D  
 Un-crated (in) 24-1/2 x 31-3/32 x 11-11/32  
 (mm) (620 x 790 x 290)  
 Crated (in) 28-1/16 x 37-7/32 x 15-9/16  
 (mm) (713 x 945 x 395)

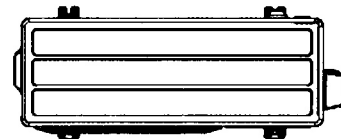
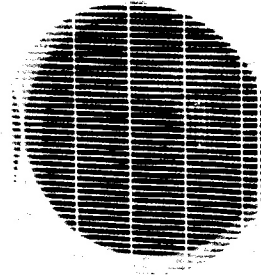
**Weight** Outdoor  
 Net 84lbs (38kg)  
 Gross Shipping 93lbs (42kg)

**Cooling**  
 Rated Capacity 9,000BTU/h  
 Min-Max Capacity 3,100~12,000BTU/h  
 Rated Power Input 2.64kw  
 Max. Power Input 3.60kw  
 SEER 27.2  
 Outdoor Sound Rating 48dB

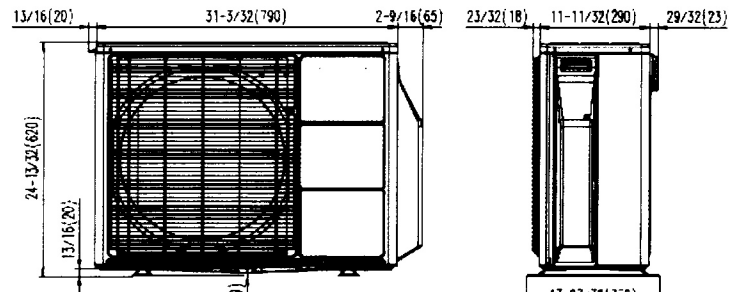
**Heating**  
 Rated Capacity 12,000BTU/h  
 Min-Max Capacity 3,100~22,000BTU/h  
 Rated Power Input 3.52kw  
 Max. Power Input 6.45kw  
 HSPF 12.5  
 Outdoor Sound Rating 49dB

**Piping Lengths**  
 Max. Piping Length (Total) 66ft  
 Max. Pipe Height Difference 49ft  
 Connection method (Flared)

**Operating Range**  
 Cooling 14°F~115°F DB  
 Heating -5°F~75°F DB

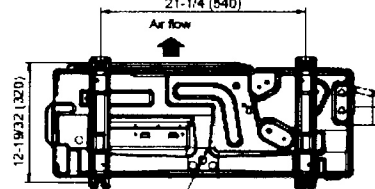


Top view

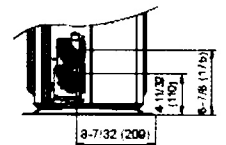


Front view

Side view



Bottom view



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Note: Specifications are based on the following conditions.

Power source of specifications : 230V

Cooling: Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.89°C)WB.

Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°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 : 0 ft.(0m) [Outdoor unit - Indoor unit]



