

# 15RLS2 Submittal

## AOU15RLS2, ASU15RLS2 Inverter Driven Heat Pump

Job Name: Rob Meharg  
 Location: 31 Elizabeth Street, Peaks  
 Engineer: n/a Island  
 Submitted to: City of Portland  
 Submitted by: Goggin 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  
 MICA 13.5A

**Compressor** Inverter Driven Variable Speed DC Rotary  
 No. used 1  
 Output 1000W  
 Lubricant Oil POE (RB68)  
**Fan type** Propeller  
 Motor Output 115W  
 Airflow Rate Cooling/Heating (High) 1206 / 1082CFM

**Refrigerant** R410A  
 Outdoor Unit 2lbs 12.0oz  
 Control Electronic Expansion Valve  
 C.D. Discharge (in) 1/4"(Flare)  
 C.D. Suction (in) 1/2"(Flare)

**Dimensions** H x W x D  
 Uncrated (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 86lbs (39kg)  
 Gross Shipping 95lbs (43kg)

**Cooling**  
 Rated Capacity 14,500BTU/h  
 Min-Max Capacity 3,100~18,400BTU/h  
 Rated Power Input 4.25kw  
 Max. Power Input 5.40kw  
 SEER 21.5  
 Outdoor Sound Rating 51dB

**Heating**  
 Rated Capacity 18,000BTU/h  
 Min-Max Capacity 3,100~23,900BTU/h  
 Rated Power Input 5.28kw  
 Max. Power Input 7.00kw  
 HSPF 12  
 Outdoor Sound Rating 51dB

**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

Fujitsu General America, Inc.  
 Fairfield, NJ 07004  
 Toll Free: 1-888-888-3424  
 Fax: (973) 836-0447  
 www.fujitsugeneral.com

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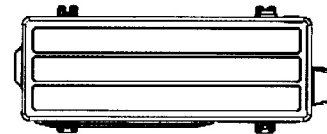
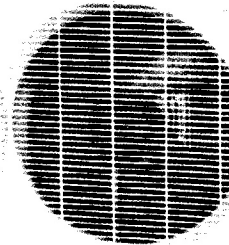
Note: Specifications are based on the following conditions.

Power source of specifications : 230V

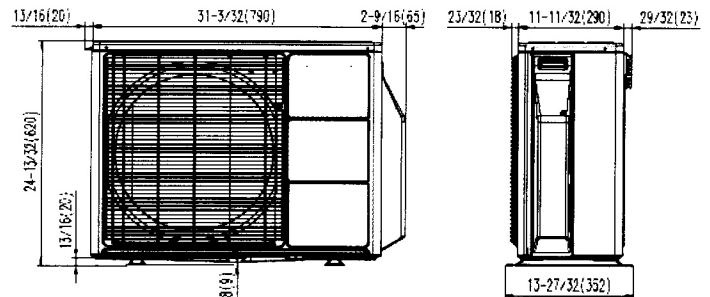
Cooling: Indoor temperature of 80°F(26.67°C)DB / 67°F(19.44°C)WB, and outdoor temperature of 95°F(35°C)DB/75°F(23.89°C)WB.

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]

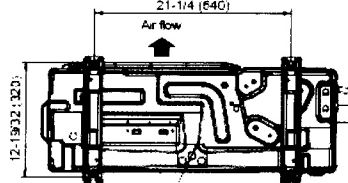


Top view

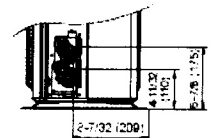


Front view

Side view



Bottom view

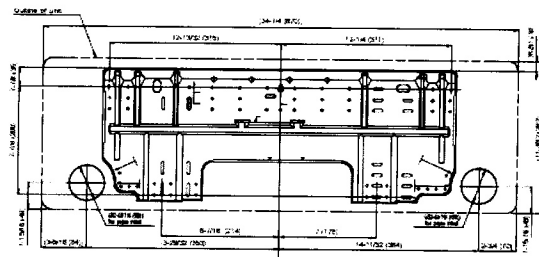
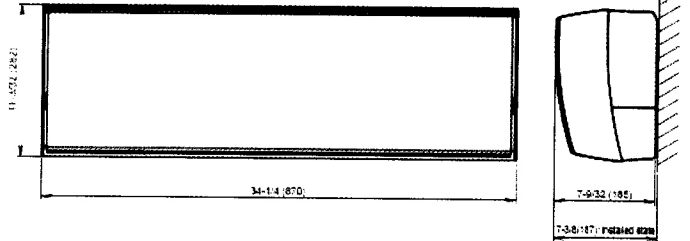


Detail view





<b>Indoor Unit Power</b>	208-230/VAC-1Ph-60Hz	
<b>Available Voltage Range</b>	187-253VAC	
<b>Fan type</b>	Cross flow	
<b>Motor Output</b>	29W	
<b>MCA</b>	0.4A	
<b>Sound Pressure Level</b>		
Cooling	Lo-Hi	25-45dB
Heating	Lo-Hi	25-45dB
<b>Airflow rate</b>		
Cooling	Lo-Hi	229-529dF
Heating	Lo-Hi	253-559dF
<b>Dimensions</b>	H x W x D	
Incrated	(in)	11-3/32 x 34-1/4 x 7-9/32
	(mm)	(282 x 870 x 185)
Crated	(in)	9-23/32 x 36-7/32 x 14-11/16
	(mm)	(247 x 920 x 373)
<b>Weight</b>	Indoor	
Net	21lbs (9.5kg)	
Gross Shipping	27lbs (12kg)	



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