

# 15RLS2 Submittal



## AOU15RLS2, ASU15RLS2 Inverter Driven Heat Pump

Job Name: Marian Friedman / Betsy Stout  
 Location: 549 Island Ave, Peaks Island  
 Engineer: n/a  
 Submitted to: City of Portland  
 Submitted by: Stoggin 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 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  
 O.D. Discharge (in) 1/4"(Flare)  
 O.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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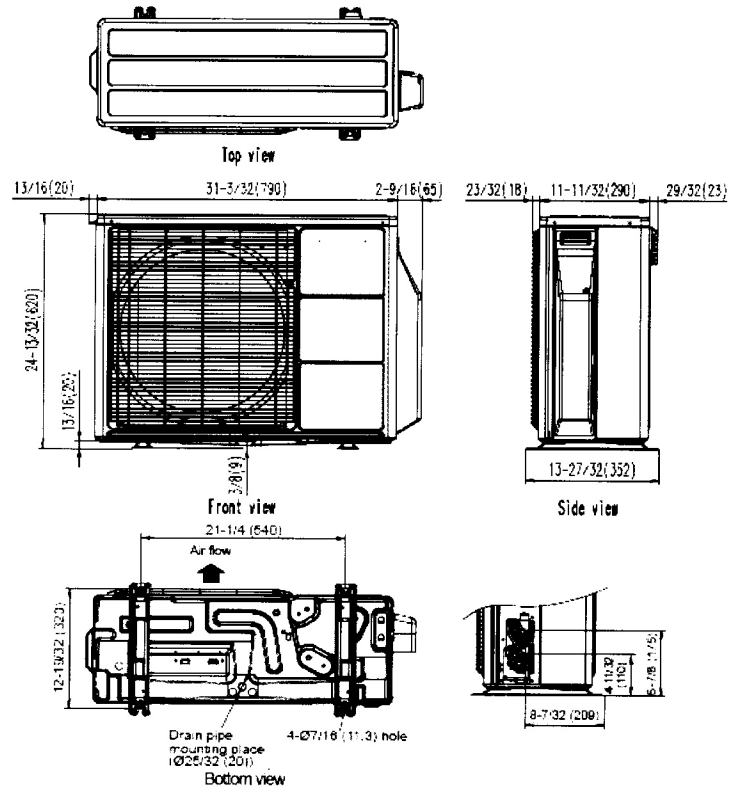
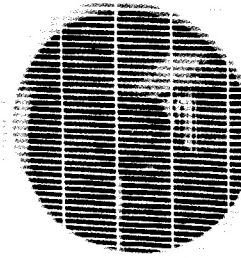
Note: Specifications are based on the following conditions.

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]





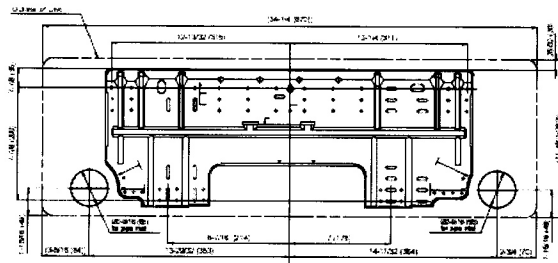
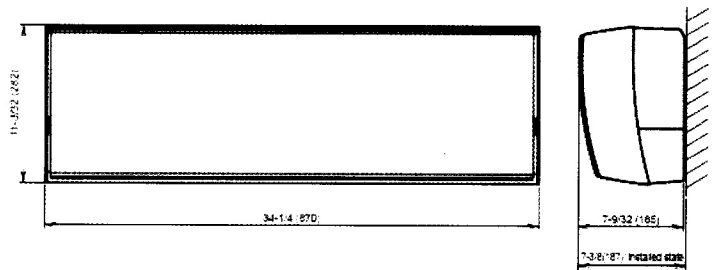
Inoor Unit Power	208-230VAC-1Ph-60Hz
Available Voltage Range	187-253VAC
Fan type	Cross flow
Motor Output	29W
MCA	0.4A

<b>Sound Pressure Level</b>		
Cooling	Lo-Hi	25-45dB
Heating	Lo-Hi	25-45dB

<b>Airflow rate</b>		
Cooling	Lo-Hi	229-529dB
Heating	Lo-Hi	253-559dB

<b>Dimensions</b>		
		H x W x D
Uncrated	(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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# Submittal Data: System 30RLX ASU30RLX & AOU30RLX



Job Name: Marian Friedman / Betoy Stout Location: 549 Island Ave, Peaks Island  
 Purchaser: Same  
 Engineer: n/a  
 Submitted To: City of Portland For:  Reference  Approval  Construction  
 Submitted By: Hoggin Energy  
 Unit Designation: Schedule No. Model No.:

### Capacities:

Cooling	30,600 BTU/h
Outdoor Design Temp. $F^{\circ}$ DB/WB	95/75
Heating	32,000 BTU/h
Outdoor Design Temperature $F^{\circ}$ DB/WB	47/43
HSP-F	9.5
SEER	17.5
EER Cooling/Heating	10.0/10.7
Voltage/Frequency/Phase	208-230/60/1

### Indoor Unit:

Noise Level Cooling db (A) - H/ M/ L/ Q	49/ 42/ 37/ 33
Noise Level Heating db (A) - H/ M/ L/ Q	49/ 42/ 37/ 33
Weight	31 lbs.

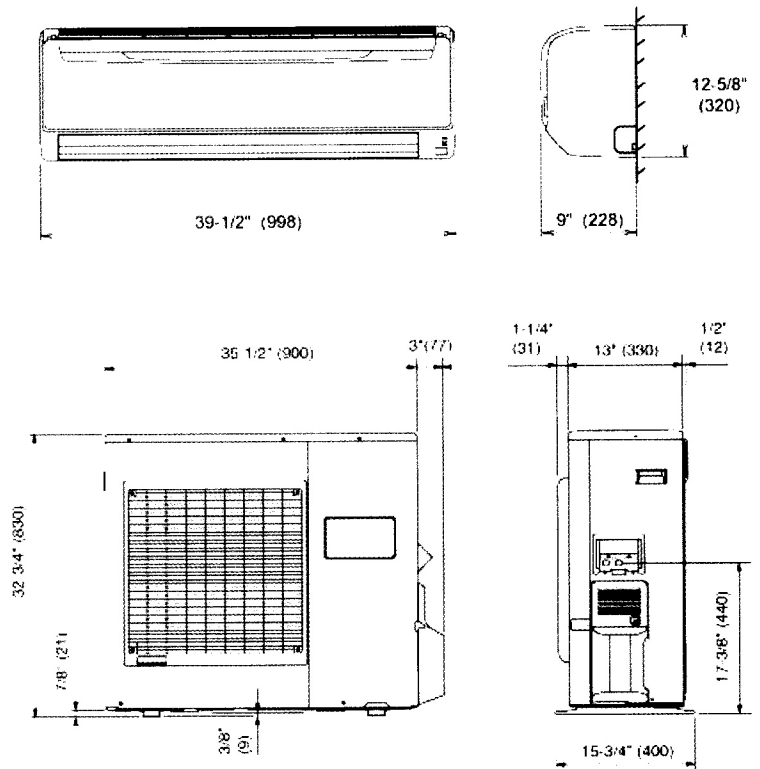
### Outdoor Unit:

Noise Level Cooling/Heating	54/55
Recommended Fuse Size	30A
Min. Ampacity	13.1A
MCA	22A
Running Current Cooling	13.2A
Running Current Heating	10.5A
Weight	137 lbs.

### Refrigerant Piping:

Max Ht. Difference	98 ft.
Max Total or Combined Length	164 ft.
Discharge Vapor Line (O.D.)	3/8 in.
Suction (O.D.)	5/8 in.

### OUTLINE AND DIMENSIONS



### Standard Features:

- ◆ Six year compressor warranty
- ◆ Two year parts warranty
- ◆ Digital wireless remote control
- ◆ 4-way automatic louvers
- ◆ Min Heat (50F heating set point)
- ◆ Built in Low Ambient
- ◆ Auto Restart/ Reset
- ◆ 24 hour timer
- ◆ Optional Wired Remote Control
- ◆ Dry mode
- ◆ Refrigerant R410A
- ◆ Quiet Mode

Notes:

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