

12RLS2 Submittal



AOU12RLS2, ASU12RLS2 Inverter Driven Heat Pump

Job Name: Greg Russo
 Location: 73 Newton St, Portland
 Engineer: n/a
 Submitted to: City of Portland
 Submitted by: Loggin 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) 1206 / 1082CFM

Refrigerant R410A
 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
 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)

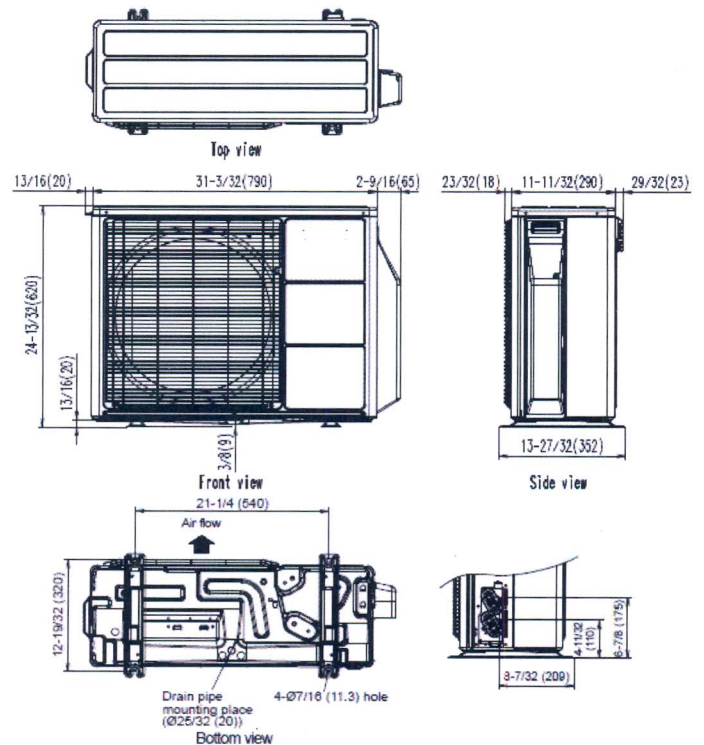
Weight Outdoor
 Net 84lbs (38kg)
 Gross Shipping 93lbs (42kg)

Cooling
 Rated Capacity 12,000BTU/h
 Min-Max Capacity 3,100~13,600BTU/h
 Rated Power Input 3.52kw
 Max. Power Input 4.00kw
 SEER 25
 Outdoor Sound Rating 49dB

Heating
 Rated Capacity 16,000BTU/h
 Min-Max Capacity 3,100~22,100BTU/h
 Rated Power Input 4.69kw
 Max. Power Input 6.5k0w
 HSPF 12
 Outdoor Sound Rating 50dB

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



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 Fairfield, NJ 07004
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 Fax: (973) 836-0447
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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.

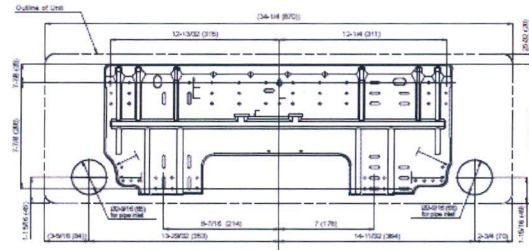
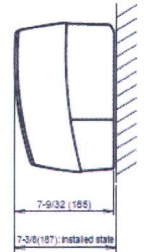
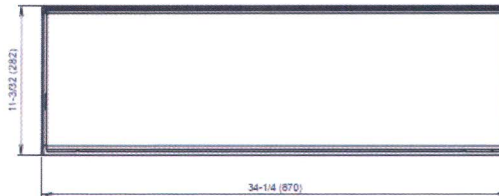
Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°C)WB, and outdoor temperature of 47°F(8.33°C)DB/43°F(6.11°C)WB.

Pipe length : 24ft. 7in.(7.5m), Height difference : 0 ft.(0m) [Outdoor unit - Indoor unit]





Indoor Unit Power	208-230VAC-1Ph-60Hz	
Available Voltage Range	187-253VAC	
Fan type	Cross flow	
Motor Output	29W	
MCA	0.4A	
Sound Pressure Level		
Cooling	Lo-Hi	21-43dB
Heating	Lo-Hi	21-43dB
Airflow rate		
Cooling	Lo-Hi	194-500dB
Heating	Lo-Hi	194-500dB
Dimensions	H x W x D	
Uncrated	(in) 11-3/32 x 34-1/4 x 7-9/32	(282 x 870 x 185)
	(mm)	(282 x 870 x 185)
Crated	(in) 9-23/32 x 36-7/32 x 14-11/16	(247 x 920 x 373)
	(mm)	(247 x 920 x 373)
Weight	Indoor	
Net	21lbs (9.5kg)	
Gross Shipping	27lbs (12kg)	



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