

12RLS2 Submittal



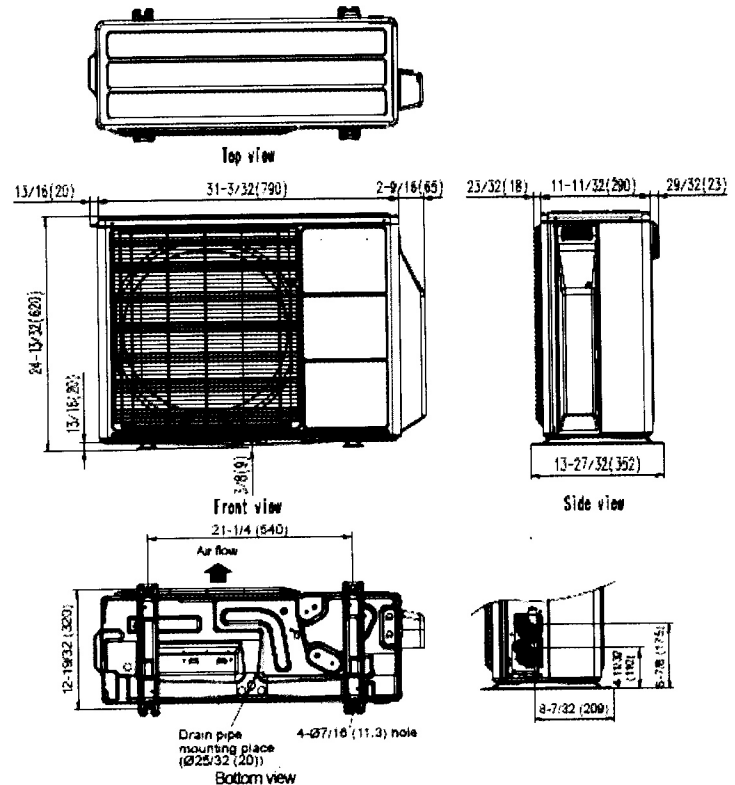
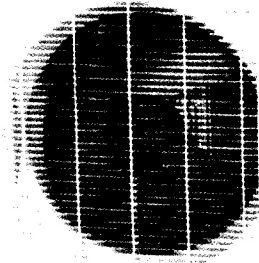
AOJ12RLS2, ASU12RLS2

Inverter Driven Heat Pump

Job Name: Jack Aoley
 Location: 136 Island Ave, Peaks Island
 Engineer: n/a
 Submitted to: City of Portland
 Submitted by: Duggin 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 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	
HS PF	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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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]



