

12RL2 Submittal

AOU12RL2, ASU12RL2 Inverter Driven Heat Pump



Job Name: _____
 Location: _____
 Engineer: _____
 Submitted to: _____
 Submitted by: _____
 Reference: _____

Approval: _____
 Date: _____
 Construction: _____
 Unit #: _____
 Drawing #: _____

Outdoor Unit Power	115/VAC-1Ph-60Hz
Available Voltage Range	103.5-126.5
Fuse Size, Max.	20A
MCA	15A
Compressor	Inverter Driven Variable Speed DC Rotary
No. used	1
Output	700W
Lubrican Oil	POE (RB68)
Fan type	Propeller
Motor Output	23W
Airflow Rate	Cooling/Heating (High) 1013 / 889CFM
Refrigerant	R410A
Outdoor Unit	1lb 12oz
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)	21-1/4 x 26 x 11-11/32
(mm)	(540 x 660 x 290)
Crated (in)	24-1/16 x 31-3/8 x 15-25/32
(mm)	(611 x 797 x 401)

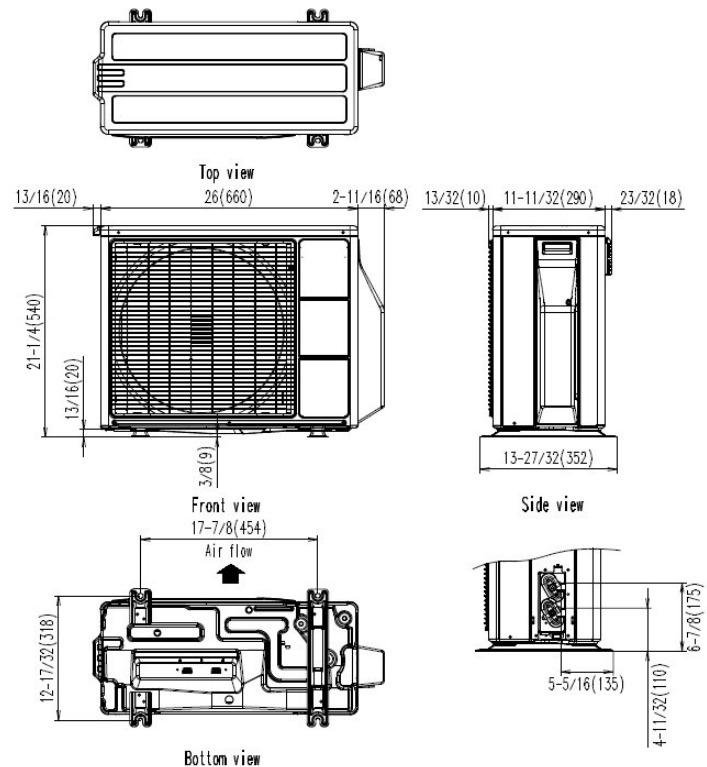
Weight	Outdoor
Net	69lbs (31kg)
Gross Shipping	73lbs (33kg)

Cooling	
Rated Capacity	12,000BTU/h
Min-Max Capacity	3,100~12,500BTU/h
Rated Power Input	1.20kw
Max. Power Input	1.44kw
SEER	16
Outdoor Sound Rating	51dB

Heating	
Rated Capacity	14,000BTU/h
Min-Max Capacity	3,100~16,000BTU/h
Rated Power Input	1.21kw
Max. Power Input	1.66kw
HSPF	9
Outdoor Sound Rating	51dB

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

Operating Range	
Cooling	15°F~115°F DB
Heating	15°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.

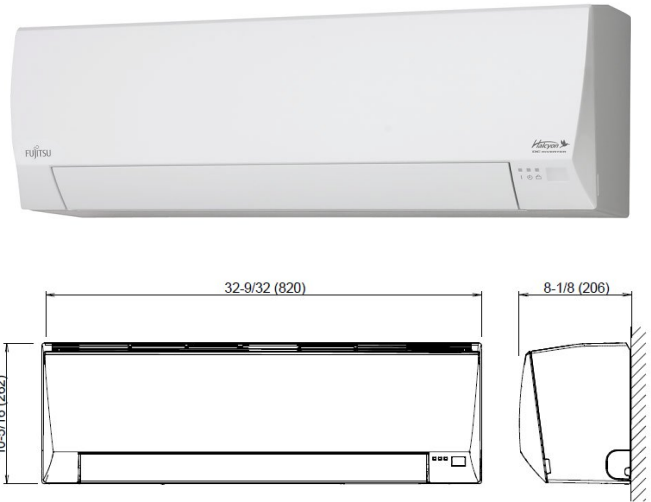
Heating: Indoor temperature of 70°F(21.11°C)DB / 60°F(15.56°C)WB, and outdoor temperature of 47°F(8.33°C)DB/43°F(6.11°C)WB.

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





Indoor Unit Power	115/VAC-1Ph-60Hz	
Available Voltage Range	103.5-126.5VAC	
Fan type	Cross flow	
Motor Output	28W	
MCA	1.0A	
Sound Pressure Level		
Cooling	Lo-Hi	23-43dB
Heating	Lo-Hi	23-43dB
Airflow rate		
Cooling	Lo-Hi	191-424CFM
Heating	Lo-Hi	191-436CFM
Dimensions	H x W x D	
Uncrated	(in)	10-5/16 x 32-9/32 x 8-1/8
	(mm)	(262 x 820 x 206)
Crated	(in)	10-11/32 x 34-1/4 x 12-29/32
	(mm)	(263 x 870 x 328)
Weight	Indoor	
Net	16lbs (7kg)	
Gross Shipping	20lbs (9kg)	



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