



Multi Zone Specification

AOU24RML1

Multizone Inverter Heat Pump

THE POSSIBILITIES ARE INFINITE

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

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

		General Data (at 230V)	
Power	V/P/Hz	230/1/60	
Min. Circuit Ampacity	(A)	17	
Fuse Size, Max.	(A)	20	
Standby Consumption	(W)	18.1	
Standby Cons. below 37.4F*	(W)	39.6	
Compressor		DC Twin Rotary	
No. used		1	
Output	(W)	1300	
Starting Current	(A)	15	
Fan type		Propeller	
No. Motors	(W)	90-1	
CFM	(High)	1880/1880	
R.L. Amps	(A)	.45/45	
Refrigerant		410A	
Lbs. - R410A	(outdoor unit)	4.6	
Control		Electronic Expansion Valve	
O.D. Discharge	(in)	1/4" x 2(Flare)	
O.D. Suction	(in)	3/8" x 2(Flare)	
Dimensions		H x W x D	
Uncrated	(in)	32-7/8 x 35-7/16 x 13	
	(mm)	(835 x 900 x 330)	
Crated	(in)	38 -3/16 x 41-11/32 x 17-17/32	
	(mm)	(970 x 1050 x 445)	
Weight			
Net	lbs. (kg)	136.54(62)	
Gross Shipping	lbs. (kg)	154(70)	
Cooling Capacity	(BTU/h)	24,000 (11,000~27,600)	
Rated Power Input	(W)	2,300	
Max. Power Input	(W)	2,750	
Outdoor Sound Rating	(DB)	50/51	
Heating Capacity	(BTU/h)	24,000 (11,000-33,000)	
Rated Power Input	(W)	2,350	
Max. Power Input	(W)	2,750	
Piping Lengths			
Max. Piping Length (Each Unit)	(ft)	82	
Max. Piping Length (Total)	(ft)	98	
Max. Elevation Difference:			
Between Indoor Units	(ft)	33	
Between Indoor And Condenser	(ft)	33	

Operating Range

		Indoor Intake Temp.	Outdoor Air Intake Temp.
Cooling	Maximum	95F DB/71F WB	115F DB
	Minimum	67F DB/57F WB	32F DB
Heating	Maximum	80F DB/67F WB	Outdoor Air Intake Temp. 75F DB/65F WB
	Minimum		14F DB

Multi-Zone SEER, HSPF

	Wall	Cassette	Concealed Ceiling	Mixed
Dual Zone SEER	16.5	16.5	15.0	15.75
Dual Zone HSPF	9.0	9.4	8.6	8.8

*Compressor winding will only pass current through it if the compressor has not operated for more than three hours.

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]

