

System 18RLFCD Submittal

AOU18RLFC, ARU18RLF

Compact Duct

Job Name: _____ Approval: _____ Date: _____
 Location: _____ Construction: _____
 Engineer: _____ Unit #: _____
 Submitted to: _____ Drawing #: _____
 Submitted by: _____ Reference: _____



Outdoor Unit Power	208-230/VAC-1Ph-60Hz
Available Voltage Range	187-253VAC
Fuse Size, Max.	20A
MCA	17.3A
Compressor	Inverter Driven Variable Speed DC Rotary
No. used	1
Output	1000W
Lubrican Oil	POE (RB68)
Fan type	Propeller
Motor Output	115W
Airflow Rate	Cooling/Heating (High) 1457 / 1407CFM
Refrigerant	410A
Outdoor Unit	2lbs 14oz
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)

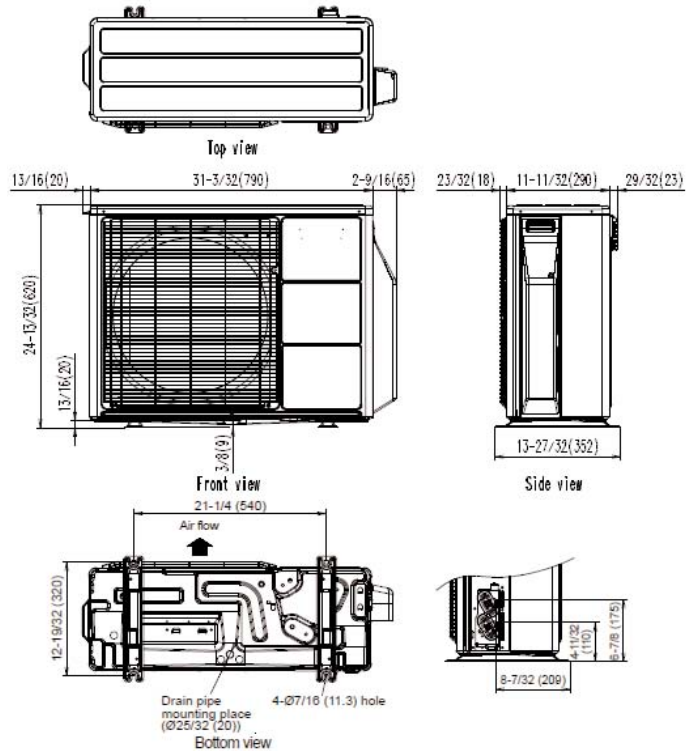


Weight	Outdoor
Net	86lbs (39kg)
Gross Shipping	93lbs (42kg)
Cooling	
Rated Capacity	18,000BTU/h
Min-Max Capacity	3,100~20,100BTU/h
Rated Power Input	1.50kw
Max. Power Input	2.15kw
SEER	19.7
Outdoor Sound Rating	54dB

Heating	
Rated Capacity	21,600BTU/h
Min-Max Capacity	3,100~25,600BTU/h
Rated Power Input	1.67kw
Max. Power Input	2.60kw
HSPF	11.3
Outdoor Sound Rating	55dB

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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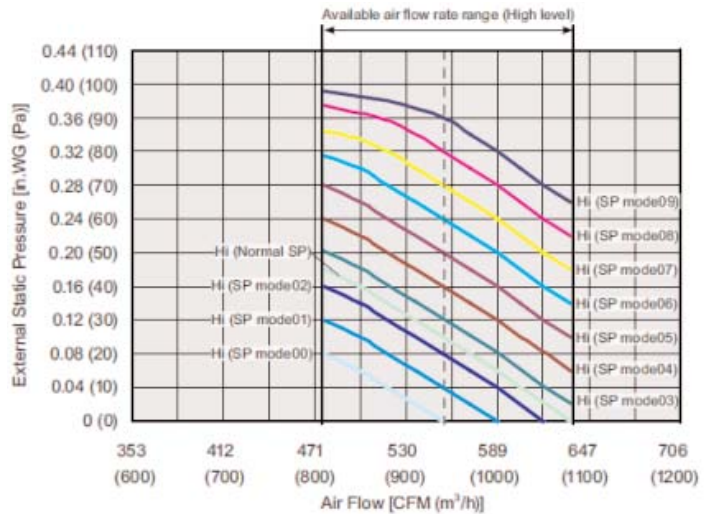
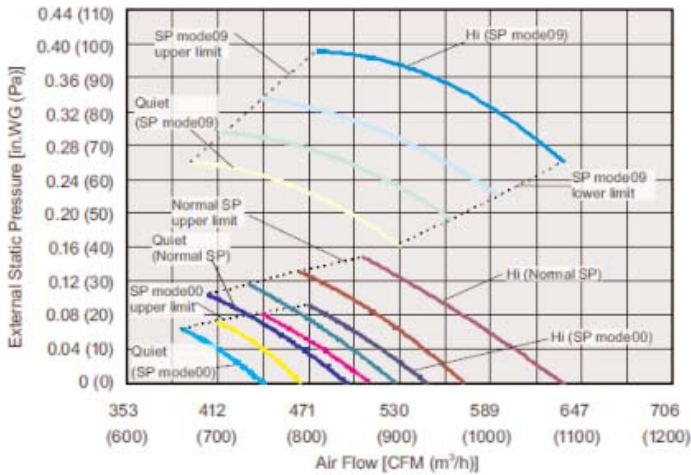
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Power	V/Hz/P	230/60/1	Cooling Capacity	(BTU/h)	18,000
Fan type		Sirocco	Moisture Removal	pt/h (l/h)	4.2 (2.0)
No. Motors	(W)	3 (96)	Heating Capacity	(BTU/h)	20,000
CFM [1.10 in.WG]	(Hi,Me,Lo,Qu)	554/518/483/442	Temperature Setting Range		
Sound Pressure Level	db (Hi,Me,Lo,Qu)	32/31/30/29	Cooling	°F(°C)	64~90 (18~32)
F.L.A.	(A)	.47	Heating	°F(°C)	60~88 (16~31)
Refrigerant		410A	Drain Pipe Size**	OD in	Ø1-1/16
O.D. Discharge	in (mm)	Ø1/4" (6.35)		ID in	Ø3/4
O.D. Suction	in (mm)	Ø1/2" (12.7)	Remote Control Type		Wired
Dimensions		H x W x D	Electrical Connection*	AWG	14/3 with ground
Uncrated	(in)	7-25/32 x 35-7/16 x 24-13/32			
	(mm)	(198 x 900 x 620)			
Crated	(in)	10-7/8 x 46 x 29-3/4			
	(mm)	(276 x 1168 x 756)			
Weight					
Net	lbs. (kg)	50 (23)			
Gross Shipping	lbs. (kg)	63 (29)			



*Power and communication are fed from the outdoor unit.
 **Adapter to 3/4" PVC included with unit.



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.
 Standard Static Pressure: 0.10in.WG (25Pa)
 Pipe length : 16.4ft. (5m) [Outdoor unit - Branch box], 9.8ft. (3m) [Branch box - Indoor unit]
 Height difference : 0 ft.(0m) [Outdoor unit - Indoor unit]

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