

System 12RLFCD Submittal

AOU12RLFC, ARU12RLF

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. 15A
 MCA 13.4A

Compressor Inverter Driven Variable Speed DC Rotary
 No. used 1
 Output 850W
 Lubrican Oil POE (RB68)

Fan type Propeller
 Motor Output 115W
 Airflow Rate Cooling/Heating (High) 1206 / 1083CFM

Refrigerant 410A
 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)

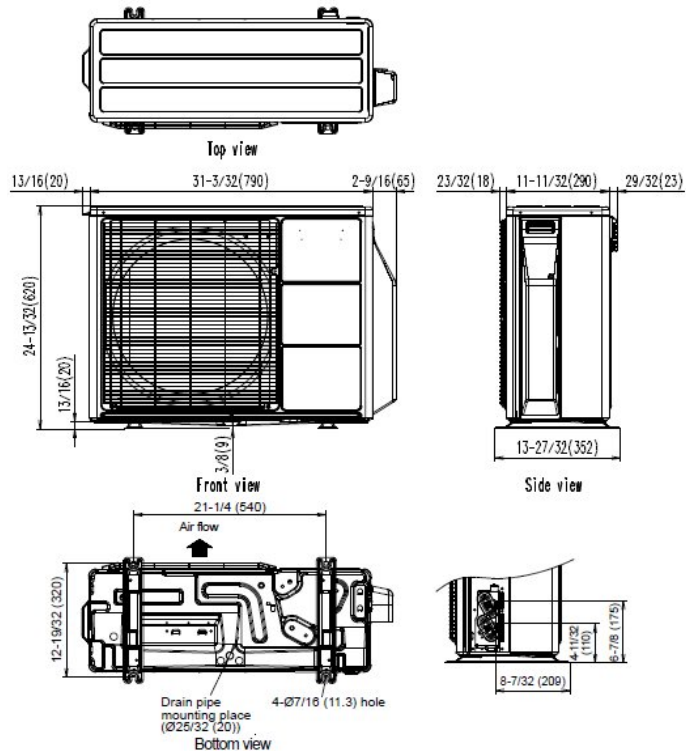
Weight Outdoor
 Net 84lbs (38kg)
 Gross Shipping 93lbs (42kg)

Cooling
 Rated Capacity 12,000BTU/h
 Min-Max Capacity 3,100~13,600BTU/h
 Rated Power Input 0.94kw
 Max. Power Input 1.45kw
 SEER 20.0
 Outdoor Sound Rating 49dB

Heating
 Rated Capacity 16,000BTU/h
 Min-Max Capacity 3,100~19,400BTU/h
 Rated Power Input 1.30kw
 Max. Power Input 2.00kw
 HSPF 11.5
 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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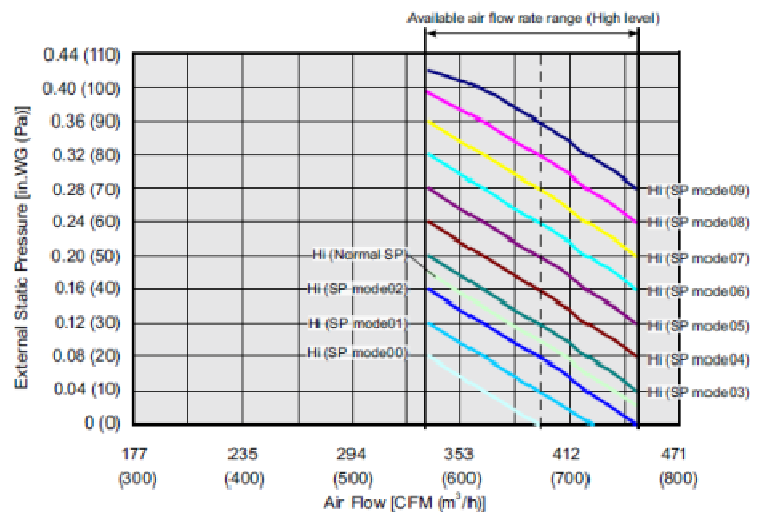
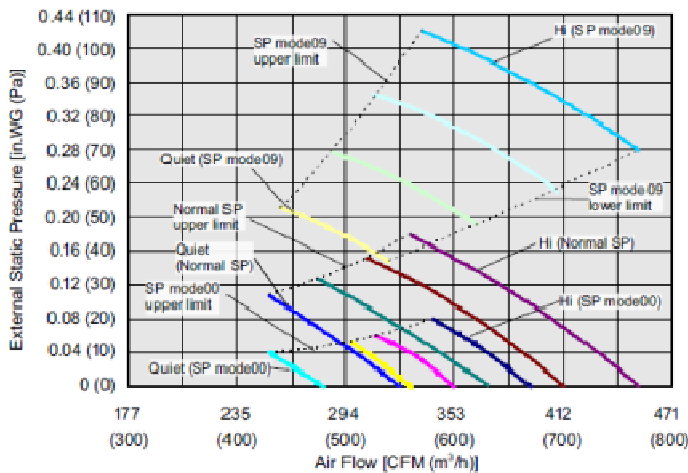
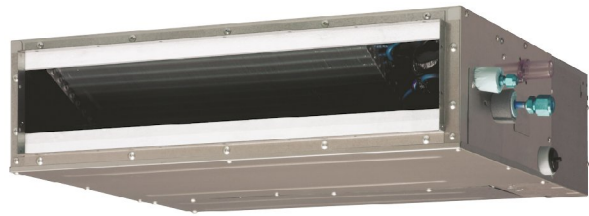


Power	V/Hz/P	230/60/1
Fan type		Sirocco
No. Motors	(W)	2 (81)
CFM [.10 in.WG]	(Hi,Me,Lo,Qu)	383/353/324/283
Sound Pressure Level	db (Hi,Me,Lo,Qu)	29/28/27/26
F.L. A.	(A)	.37
Refrigerant		410A
O.D. Discharge	in (mm)	Ø1/4" (6.35)
O.D. Suction	in (mm)	Ø3/8" (9.52)
Dimensions		H x W x D
Uncrated	(in)	7-25/32 × 27-9/16 × 24-13/32
	(mm)	(198 × 700 × 620)
Crated	(in)	10-7/8 × 38-1/8 × 29-3/4
	(mm)	(276 × 968 × 756)
Weight		
Net	lbs. (kg)	41 (19)
Gross Shipping	lbs. (kg)	55 (25)

Cooling Capacity	(BTU/h)	12,000
Moisture Removal	pt/h (l/h)	2.7 (1.3)
Heating Capacity	(BTU/h)	13,500
Temperature Setting Range		
Cooling	°F(°C)	64~90 (18~32)
Heating	°F(°C)	60~88 (16~31)
Drain Pipe Size**	OD in	Ø1-1/16
	ID in	Ø3/4
Remote Control Type		Wired
Electrical Connection*	AWG	14/3 with ground

*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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