

System 9RLFC Submittal

AOU9RLFC, ARU9RLF

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) 794 / 989CFM

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)

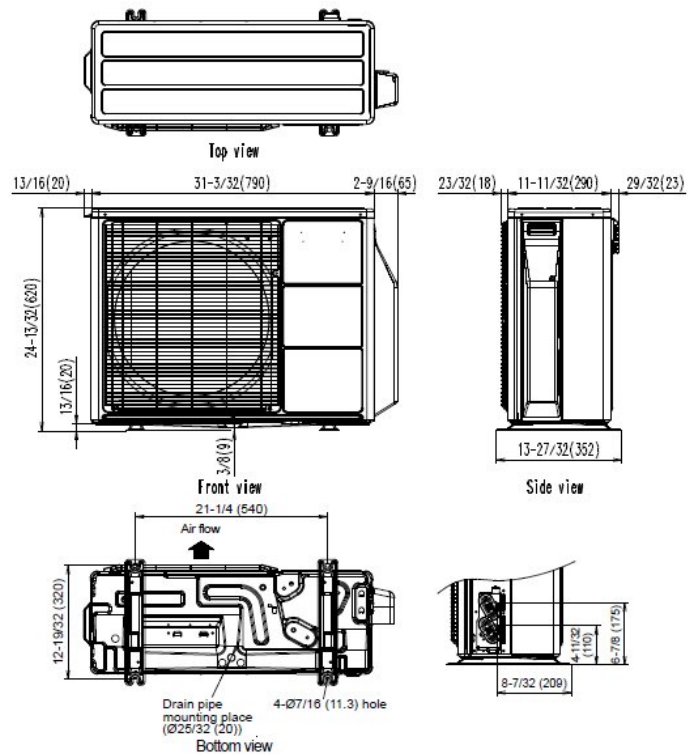
Weight Outdoor
 Net 84lbs (38kg)
 Gross Shipping 93lbs (42kg)

Cooling
 Rated Capacity 9,000BTU/h
 Min-Max Capacity 3,100~12,000BTU/h
 Rated Power Input 0.62kw
 Max. Power Input 1.40kw
 SEER 21.5
 EER 14.5
 Outdoor Sound Rating 48dB

Heating
 Rated Capacity 12,000BTU/h
 Min-Max Capacity 3,100~18,000BTU/h
 Rated Power Input 0.85kw
 Max. Power Input 1.80kw
 HSPF 12.2
 EER 14.1
 Outdoor Sound Rating 49dB

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



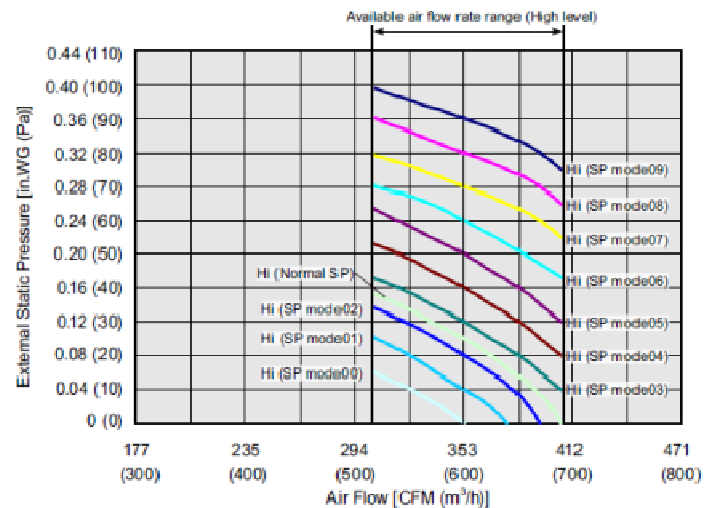
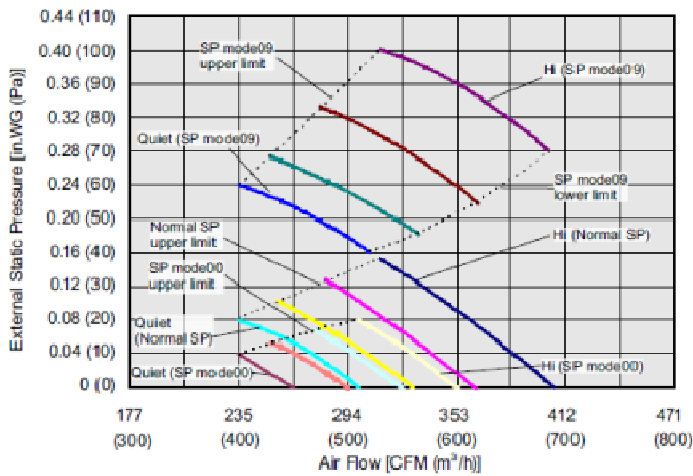
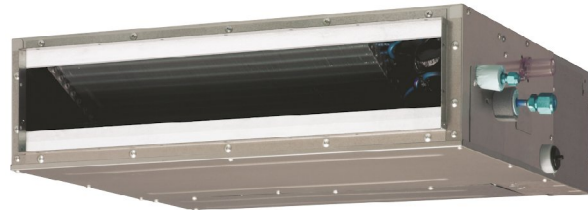
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Power	V/Hz/P	230/60/1	Cooling Capacity	(BTU/h)	9,000
Fan type		Sirocco	Moisture Removal	pt/h (l/h)	1.5 (0.7)
No. Motors	(W)	2 (81)	Heating Capacity	(BTU/h)	12,000
CFM [.10 in.WG]	(Hi,Me,Lo,Qu)	353/324/294/265	Temperature Setting Range		
Sound Pressure Level	db (Hi,Me,Lo,Qu)	28/27/26/25	Cooling	°F(°C)	64~90 (18~32)
F.L. A.	(A)	.32	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)	Ø3/8" (9.52)	Remote Control Type		Wired
Dimensions		H x W x D	Electrical Connection*	AWG	14/3 with ground
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)			

*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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