

# System 9RLFCC Submittal

**AOU9RLF, AUU9RLF**

**Compact Cassette**

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 / 989 CFM

**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)

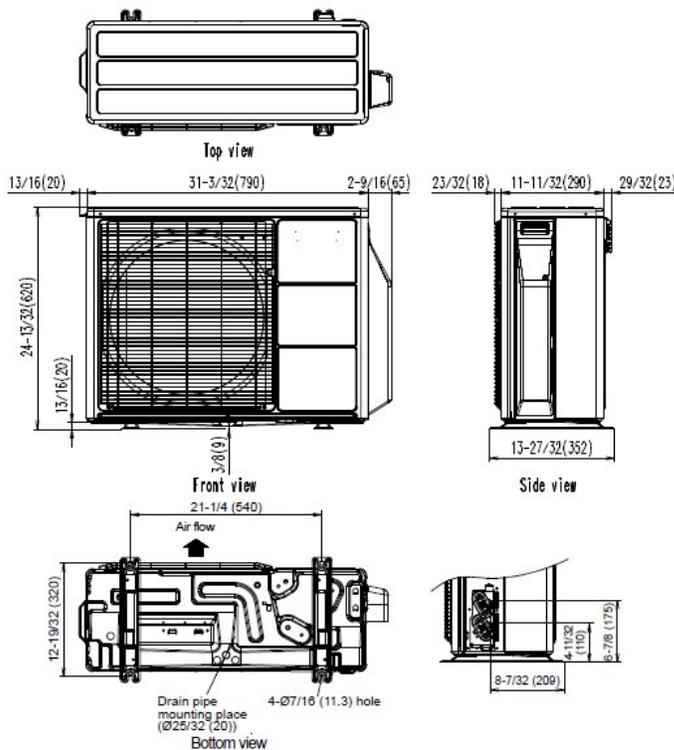
**Weight** Outdoor  
 Net 84lbs (38kg)  
 Gross Shipping 93lbs (42kg)

**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 24  
 Outdoor Sound Rating 48dB

**Heating**  
 Rated Capacity 12,000BTU/h  
 Min-Max Capacity 3,100~18,000BTU/h  
 Rated Power Input 0.89kw  
 Max. Power Input 1.80kw  
 HSPF 13  
 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

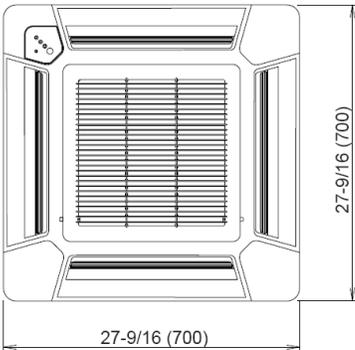


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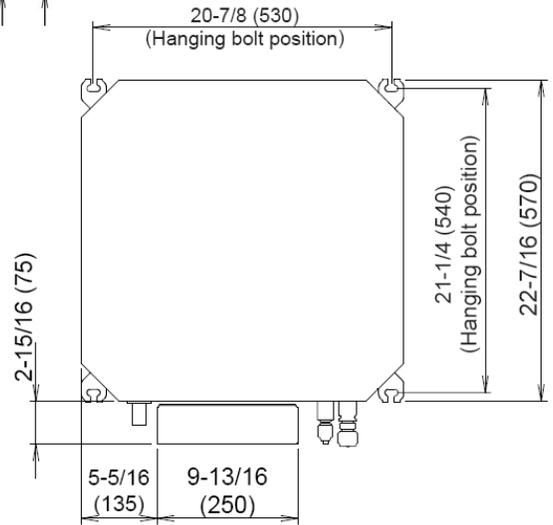
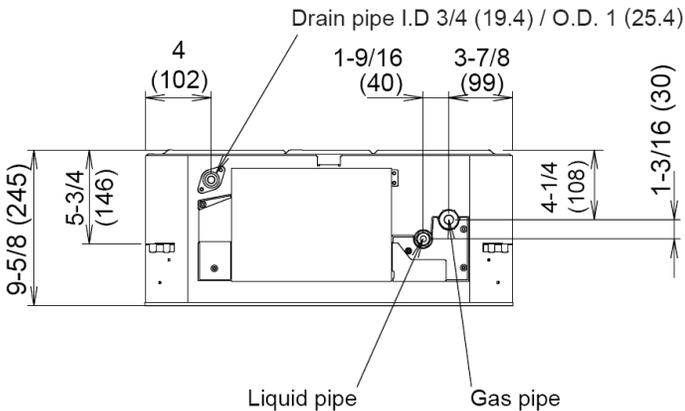
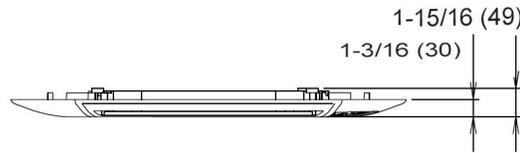
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<b>Power</b>	V/Hz/P	230/60/1	<b>Cooling Capacity</b>	(BTU/h)	9,000
<b>Fan type</b>		Turbo	<b>Moisture Removal</b>	pt/h (l/h)	1.3 (0.6)
No. Motors	(W)	42-1	<b>Heating Capacity</b>	(BTU/h)	12,000
CFM	(Hi, Me, Lo, Qu)	318/288/259/230	<b>Temperature Setting Range</b>		
Sound Pressure Level	db (Hi, Me, Lo, Qu)	33/31/29/27	Cooling	°F(°C)	64~90 (18~32)
F.L.A.	(A)	.15	Heating	°F(°C)	60~88 (16~31)
<b>Refrigerant</b>		410A	<b>Drain Pipe Size</b>	OD in (mm)	Ø1 (25.4)
O.D. Discharge	in (mm)	1/4"(6.35)	ID in (mm)		Ø3/4 (19.4)
O.D. Suction	in (mm)	3/8"(9.52)	Condensate Pump Lift*	in (mm)	28 (700)
<b>Dimensions</b>		H x W x D	<b>Remote Control Type</b>		Wired (Wireless Optional)
Unit Uncrated	(in)	9-21/32 x 22-14/32 x 22-14/32	<b>Electrical Connection**</b>	AWG	14/3 with ground
	(mm)	(245x570x570)	*Pump is capable of providing 28" of lift at no more than 6" away from the unit. Lift is measured from the suction of the pump which is located at the bottom of the unit and not the outlet of the condensate.		
Unit Crated	(in)	10-7/16 x 28-3/4 x 24-19/32	**Power and communication are fed from the outdoor unit.		
	(mm)	(265x730x625)			
Panel Uncrated	(in)	1-15/16 x 27-9/16 x 27-9/16			
	(mm)	(49x700x700)			
Panel Crated	(in)	4-23/32 x 30-1/8 x 29-23/32			
	(mm)	(120x765x755)			
<b>Weight</b>					
Unit Net	lbs. (kg)	33 (15)			
Unit Gross Shipping	lbs. (kg)	40 (18)			
Panel Net	lbs. (kg)	5.7 (2.6)			
Panel Gross Shipping	lbs. (kg)	10 (4.5)			



Grille  
(sold separately)



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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