



Submittal Data Sheet

1.5-Ton Roundflow Cassette Unit

FCQ18PAVJU-RZQ18PVJU8

FEATURES

- 23 configurable airflow patterns ensure ideal air distribution for maximum comfort
- 360° airflow reduces draft
- Lower air velocities provide better airflow distribution
- Condensate pump provided standard
- Outside air integration possible
- 10 year limited parts and compressor warranty

BENEFITS

- Optional wired controller
- Maximum piping length up to 164 ft. allows flexible placement of indoor unit
- Maximum piping height separation up to 98 ft.
- Low ambient cooling operation down to 0°F (with optional wind baffle(s))

INDOOR UNIT

OUTDOOR UNIT



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SYSTEM PERFORMANCE

Rated Cooling Capacity (Btu/hr):	18,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	14,100	Rated Piping Length(ft):	25
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	0.00
Cooling Input Power (kW):	1.380	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 60 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	18.60 /	HSPF (Non-Ducted/Ducted):	10.3 /
EER (Non-Ducted/Ducted):	13.00 /		
Rated Heating Capacity (Btu/hr):	20,000		
Heating Input Power (kW):	1.46		

SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 115
Holding Refrigerant Charge (lbs):	5.10	Heating Operation Range (°F WB):	0 - 60
Additional Charge (lb/ft):	0.04	Max. Pipe Length (Vertical) (ft):	
Pre-charge Piping (Length) (ft):		Cooling Range w/Baffle (°F DB):	0 - 115
Max. Pipe Length (Total) (ft):	164	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	0		



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INDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H) (CFM):	
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	16.5	Gas Pipe Connection (inch):	1/2
Max Overcurrent Protection (MOP) (A):	20	Liquid Pipe Connection (inch):	1/4
Dimensions (HxWxD) (in):	x x	Condensate Connection (inch):	1
Net Weight (lb):		Sound Pressure () (dBA):	
Ext. Static Pressure (Rated/Max) (inWg):	/	Sound Power Level (dBA):	

DIMENSIONAL DRAWING - INDOOR UNIT



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OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	35 - 100
Min. Circuit Amps MCA (A):	16.5	Airflow Rate (H) (CFM):	
Max Overcurrent Protection (MOP) (A):	20	Gas Pipe Connection (inch):	1/2
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):		Sound Pressure () (dBA):	
Dimensions (HxWxD) (in):	x x	Sound Power Level (dBA):	
Net Weight (lb):			

DIMENSIONAL DRAWING - OUTDOOR UNIT