



## Submittal Data Sheet

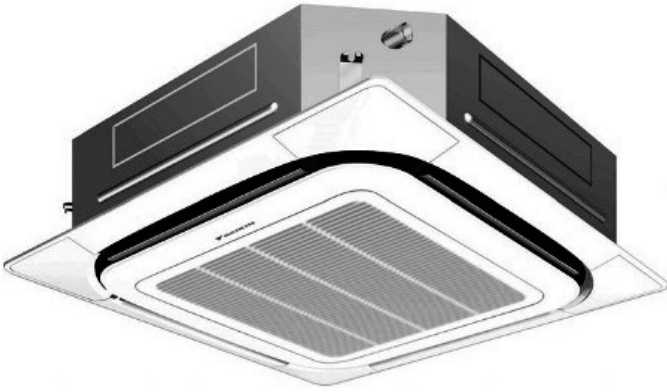
3.5-Ton Roundflow Cassette Unit

FCQ42PAVJURZQ42PVJU9

### FEATURES

- 23 configurable airflow patterns ensure ideal air distribution for maximum comfort and savings
- 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

### INDOOR UNIT



### BENEFITS

- Optional wired controller
- Maximum piping length up to 230 ft. allows flexible placement of indoor unit
- Maximum piping height separation up to 164 ft.
- Low ambient cooling operation down to 0°F (with optional wind baffle(s))

### OUTDOOR UNIT





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### SYSTEM PERFORMANCE

Indoor Unit Model No.	FCQ42PAVJU	Indoor Unit Name:	FCQ42PAVJU
Outdoor Unit Model No.	RZQ42PVJU9	Outdoor Unit Name:	3.5-Ton SkyAir Heat Pump
Rated Cooling Capacity (Btu/hr):	42,000	Rated Cooling Conditions:	Indoor (°F DB/WB): 80 / 67 Ambient (°F DB/WB): 95 / 75
Sensible Capacity (Btu/hr):	30,900	Rated Piping Length(ft):	
Max/Min Cooling Capacity (Btu/hr):	/	Rated Height Difference (ft):	164.00
Cooling Input Power (kW):	3.260	Rated Heating Conditions:	Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43
SEER (Non-Ducted/Ducted):	16.00 /	HSPF (Non-Ducted/Ducted):	8.5 /
EER (Non-Ducted/Ducted):	10.20 /		
Rated Heating Capacity (Btu/hr):	47,000		
Heating Input Power (kW):	3.26		

### SYSTEM DETAILS

Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	23 - 115
Holding Refrigerant Charge (lbs):	8.8	Heating Operation Range (°F WB):	0 - 77
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):	230	Heating Range w/Baffle (°F WB):	0 - 77
Max Height Separation (Ind to Ind ft):	164		



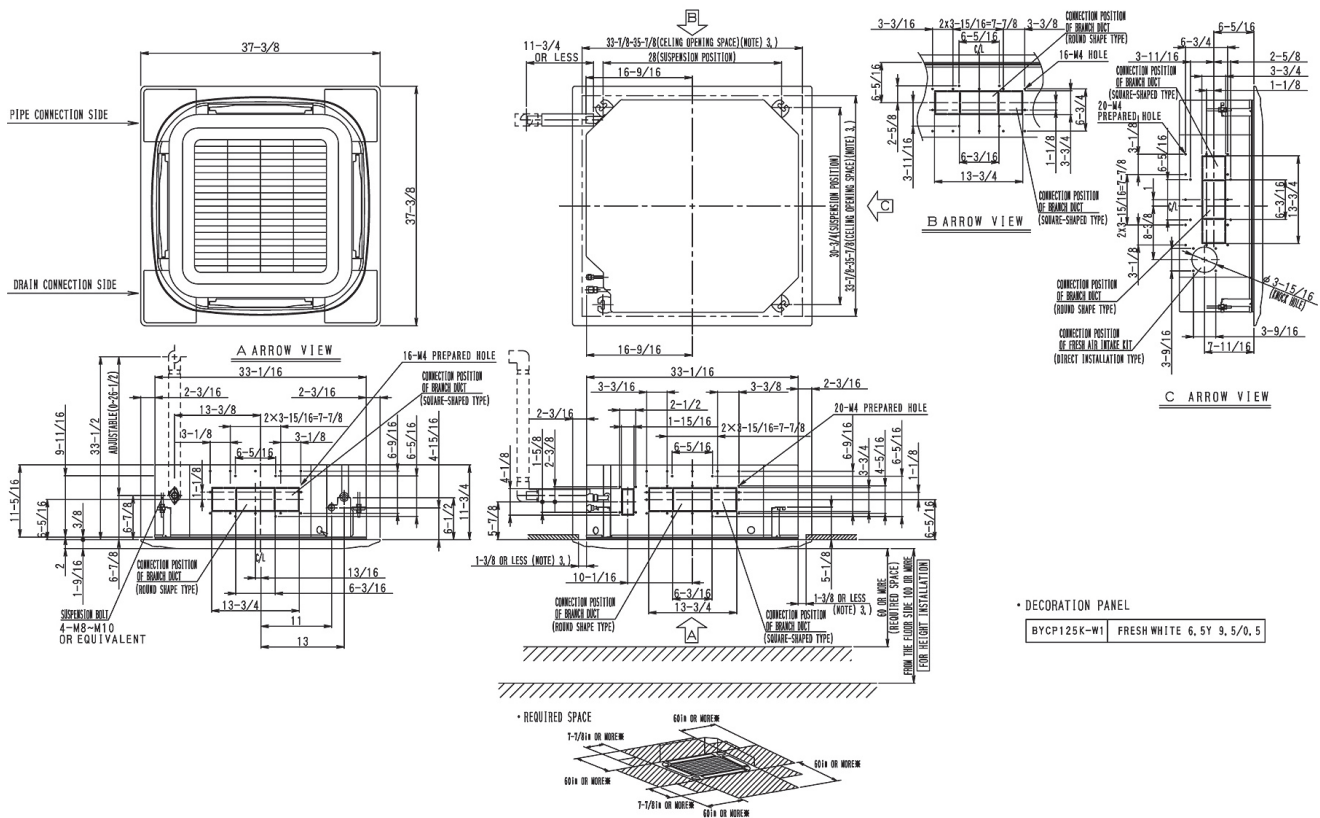
**Submittal Data Sheet**  
**3.5-Ton Roundflow Cassette Unit**  
**FCQ42PAVJURZQ42PVJU9**

**INDOOR UNIT DETAILS**

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L) (CFM):	1,220/970/790
Power Supply Connections:	L1, L2, Ground	Moisture Removal (Gal/hr):	
Min. Circuit Amps MCA (A):	1.50	Gas Pipe Connection (inch):	5/8
Max Overcurrent Protection (MOP) (A):		Liquid Pipe Connection (inch):	3/8
Dimensions (HxWxD) (in):	11-5/16 x 33-1/16 x 33-1/16	Condensate Connection (inch):	1
Panel (HxWxD) (in):	2 x 37-3/8 x 37-3/8	Sound Pressure (H/M) (dBA):	45/40
Net Weight (lb):	55	Sound Power Level (dBA):	
Panel Weight (lb):	67	Ext. Static Pressure (Rated/Max) (inWg):	0.00 / 0.00

**DIMENSIONAL DRAWING - INDOOR UNIT**

FCQ36\_42PAVJU  
 Unit (in.)



• DECORATION PANEL  
 BYCP125K-W1 FRESH WHITE 6, 5Y 3, 5/0, 5

\* WHEN THE EXHAUST GRILLE IS CLOSING, THE REQUIRED SPACE IS 19-11/16 INCHES OR MORE. WHEN UNITING AND CLOSING A CORNER PART (BOTH RIGHT AND LEFT OF THE EXHAUST GRILLE TO CLOSE), IT IS 7-7/8 INCHES OR MORE.



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3.5-Ton Roundflow Cassette Unit  
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### OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Type:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	25 - 100
Min. Circuit Amps MCA (A):	27.00	Airflow Rate (H) (CFM):	3,740
Max Overcurrent Protection (MOP) (A):	30.00	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):	19.6	Sound Pressure (H) (dBA):	58
Dimensions (HxWxD) (in):	52-15/16 x 35-7/16 x 12-5/8	Sound Power Level (dBA):	
Net Weight (lb):	283		

### DIMENSIONAL DRAWING - OUTDOOR UNIT

