



Submittal Data Sheet

SkyAir 2.0-Ton Roundflow Sensing Cassette Indoor Unit

FCA24AAVJU

FEATURES

- True 360° airflow distribution and three room sensors enables optimized occupant comfort and efficiency, 18 Different Airflow patterns, Code Compliant refrigerant detection system included, Direct current fan motor and auto-logic that adjusts fan speed based on space load, Compact design allows for installation in small ceiling voids

BENEFITS

- 10 Year Limited parts and compressor warranty
- Refrigerant Leak detection integration with ventilation, dampers, alarms and monitoring systems
- Optional Self-cleaning filter panel for filtration efficiency and low maintenance costs
- High efficiency filter options
- Ventilation connection kit available





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PERFORMANCE

Outdoor Unit Model No.	FCA24AAVJU	Outdoor Unit Name:	SkyAir 2.0-Ton Roundflow Sensing Cassette Indoor Unit
Type:	Heat Pump		
Rated Cooling Conditions:	Indoor (°F DB/DB): / Ambient (°F DB/WB): /	Rated Heating Conditions:	Indoor (°F DB/WB): / Ambient (°F DB/WB): /
Rated Piping Length(ft):			
Rated Height Difference (ft):			
Cooling Capacity (Rated/Non-Ducted/Ducted) (Btu/hr):	//	Heating Capacity (Rated/Non-Ducted/Ducted) (Btu/hr):	//
Cooling Input Power (kW):	1.85	Heating Input Power (kW):	
		Heating COP (Non-Ducted/Ducted):	

OUTDOOR UNIT DETAILS

Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Stage:	
Power Supply Connections:	T1, T2	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	0.5	Airflow Rate (H/M/L) (CFM):	777/618/477
Max Overcurrent Protection (MOP) (A):	15	Gas Pipe Connection (inch):	5/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	3/8
Rated Load Amps RLA(A):		Sound Pressure (H/M/L) (dBA):	38/32/28
Dimensions (HxWxD) (in):	9-11/16 x 33-1/16 x 33-1/16	Sound Power Level (dBA):	
Net Weight (lb):	51		

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SYSTEM DETAILS

Refrigerant Type:

R-32

Cooling Operation Range (°F DB):

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Holding Refrigerant Charge (lbs):

Additional Charge (oz/ft):

Max. Pipe Length (Vertical) (ft):

Pre-charge Piping (Length) (ft):

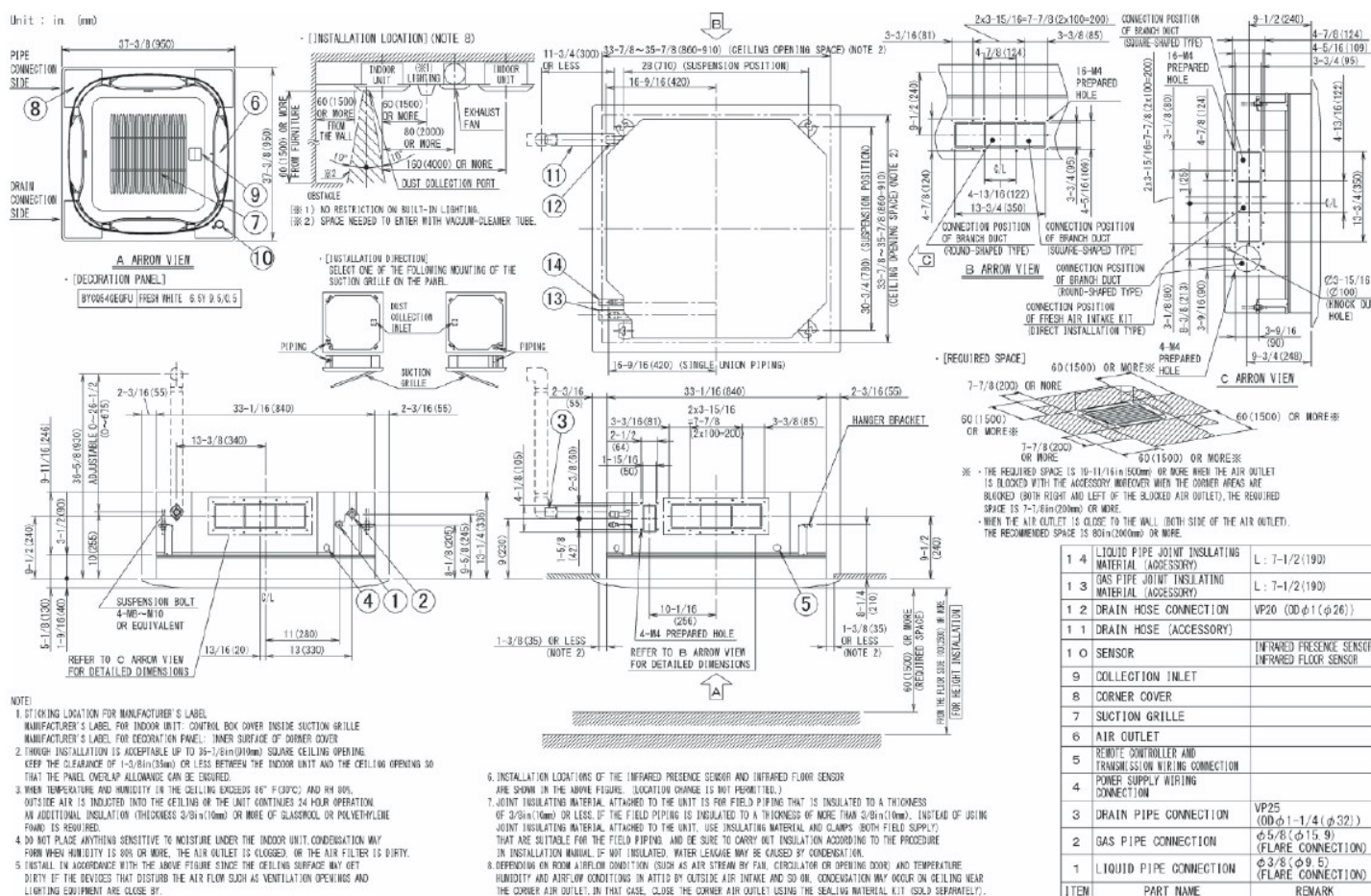
Cooling Range w/Baffle (°F DB):

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Max. Pipe Length (Total) (ft):

Max Height Separation (Ind to Ind ft):

DIMENSIONAL DRAWING



1	4	LIQUID PIPE JOINT INSULATING MATERIAL (ACCESSORY)	L: T-1/2(190)
1	3	GAS PIPE JOINT INSULATING MATERIAL (ACCESSORY)	L: T-1/2(190)
1	2	DRAIN HOSE CONNECTION	VP20 (OD φ1(φ26))
1	1	DRAIN HOSE (ACCESSORY)	
1	0	SENSOR	INFRARED PRESENCE SENSOR
9		COLLECTION INLET	INFRARED FLOOR SENSOR
9		CORNER COVER	
7		SUCTION GRILLE	
6		AIR OUTLET	
5		REMOTE CONTROLLER AND TRANSMISSION AIR LINE CONNECTION	
4		POWER SUPPLY WIRING CONNECTION	
3		DRAIN PIPE CONNECTION	VP25 (OD φ1-1/4(φ32))
2		GAS PIPE CONNECTION	φ5/8(φ15.9) (FLARE CONNECTION)
1		LIQUID PIPE CONNECTION	φ3/8(φ9.5) (FLARE CONNECTION)
ITEM		PART NAME	REMARK



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ACCESSORIES

PART NUMBER	DESCRIPTION	INCLUDED
BRC1NRV71	R32 Navigation Remote Controller	No
BYCQ54GEFU	Standard Sensing Deco Panel	No
BYCQ54GEGFU	Self-Cleaning Sensing Deco Panel	No
KAF5511D160	Replacement Long Life Filter	No
KAF554D160	Rep Filter	No
KDDP55C160-1	Fresh Air Intake Suction Chamber	No
KKHAP55A160	Connecting Pipe	No
KKHAP55B160	L-Pipe Extension	No
KRCS01-6B	Remote Sensor	No
KRP1C77	Wiring Adapter PCB	No
KRP4A74	Group Control Adaptor PCB (Installation box for adaptor PCB "KRP1BB101" is necessary)	No