



ENERGY-INTELLIGENT™ HEATING AND COOLING SYSTEMS

ROUND FLOW SENSING CASSETTE FXFQ-TVJU

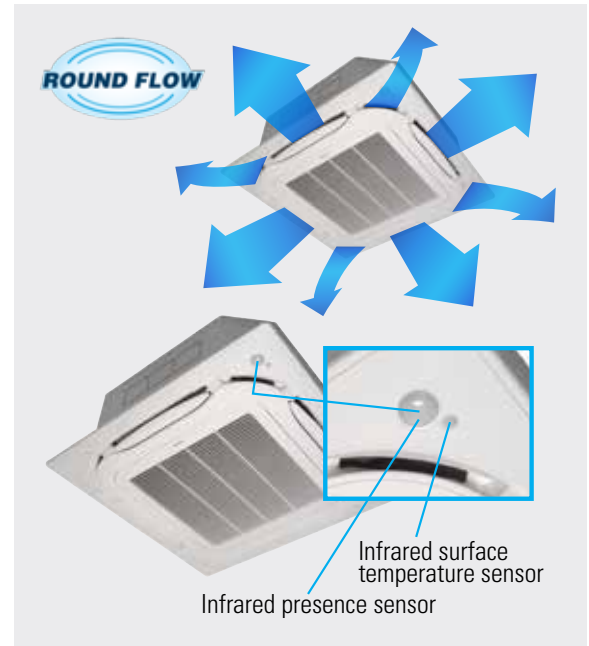
The Round Flow Sensing Cassette is ideal for open plan applications such as classrooms and offices where adaptive comfort control is preferred. The unit provides an excellent comfort level, energy efficiency, and flexibility due to advanced control functions based on input from three room sensors (occupancy, air temperature, and surface temperature). With 18 configurable airflow distribution patterns, it can be efficient and provide a comfortable environment in smaller, more intricate spaces as well.

Features and benefits:

- Capacity range from 0.6 to 4 Tons
- True 360° Airflow and three room sensors enables optimized occupant comfort and efficiency
- Energy efficient with DC fan motor and auto-logic that adjusts fan speed based on space load
- Optional self-cleaning filter panel to further increase efficiency and reduce maintenance costs, when used in VRV IV systems
- Increased indoor air quality with high efficiency filter options and ventilation connection kit
- Very flexible with 18 different possible airflow patterns, ensuring ideal air distribution to maximize comfort and efficiency
- Compact design to allow for installation in small ceiling voids
- Sound pressure levels as low as 27 db(A)

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.



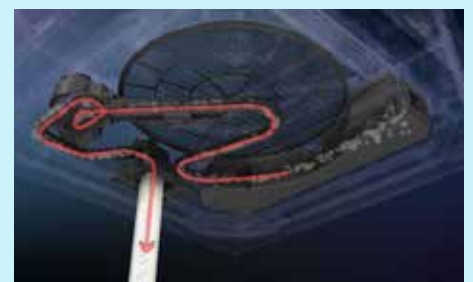
Air flow is automatically adjusted to always maintain a comfortable environment



Dust from the air filter brush is deposited into the dust collection container during the fully automatic self-cleaning process.



When indicated, the dust container in the unit is easily emptied with a standard vacuum cleaner.



FXFQ-TVJU SPECIFICATIONS		0.60 TON	0.75 TON	1 TON	1.25 TON	1.5 TON	2 TON	2.5 TON	3 TON	4 TON	
Model Name		FXFQ07TVJU	FXFQ09TVJU	FXFQ12TVJU	FXFQ15TVJU	FXFQ18TVJU	FXFQ24TVJU	FXFQ30TVJU	FXFQ36TVJU	FXFQ48TVJU	
Power Supply (V/ph/Hz)		208-230/1/60									
Rated Cooling Capacity		BTU/h	7,500	9,500	12,000	15,000	18,000	24,000	30,000	36,000	48,000
Rated Heating Capacity		BTU/h	8,500	10,500	13,500	17,000	20,000	27,000	34,000	40,000	54,000
Refrigerant		R-410A									
Refrigerant Control		Electronic Expansion Valve									
Airflow Rate H/M/L		CFM	420/406/353	441/406/353	441/406/353	512/459/388	742/618/477	777/618/477	1,112/918/671	1,165/918/671	1,218/971/742
Unit Weight		lbs	42			48			58		
Unit Height		in.	9- ¹¹ / ₁₆						11- ⁵ / ₁₆		
Unit Width		in.	33- ¹ / ₁₆								
Unit Depth		in.	33- ¹ / ₁₆								
Sound Pressure H/M/L		dB(A)	30/28.5/27			31/29/27	35.5/32/28	36/32/28	43.5/38/32	44/38/32	45/40/35
Unit Condensate Connection		in. O.D.	1- ¹ / ₄								
Condensate Pump Lift		in.	33- ¹ / ₂								
Pipe Connections	Gas	in.	½ (Flare)				¾ (Flare)				
	Liquid	in.	¼ (Flare)				¾ (Flare)				
External Finish		Galvanized Steel Plate									
Protection Devices		Fuse/Breaker Fan Motor Thermal Protector									
Recommended Fuse/Breaker		A	15								
Standard Filter Type		Mold-Resistant Resin Net									

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
 Outdoor: 95 °F DB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
 Outdoor: 47 °F DB / 43 °F WB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Note: Specifications are subject to change without notice.

FXFQ-TVJU ACCESSORIES WITH:

Accessory	Item #	Self-Cleaning Filter Panel (BYCQ125BGW1)	Standard Sensing Decoration Panel (BYCQ125B-W1)
Navigation Remote Controller	BRC1E72	Yes ¹	Yes ¹
Navigation Remote Controller	BRC1E52A7	Yes ²	Yes ²
Remote Sensor Kit	KRCS01-4B	Yes	Yes
Outside Air Intake Kit		Not Available	Yes
Long-Life Replacement Air Filter		Not Available	Yes
Panel Spacer	KDBP55H160FA	Yes	Yes

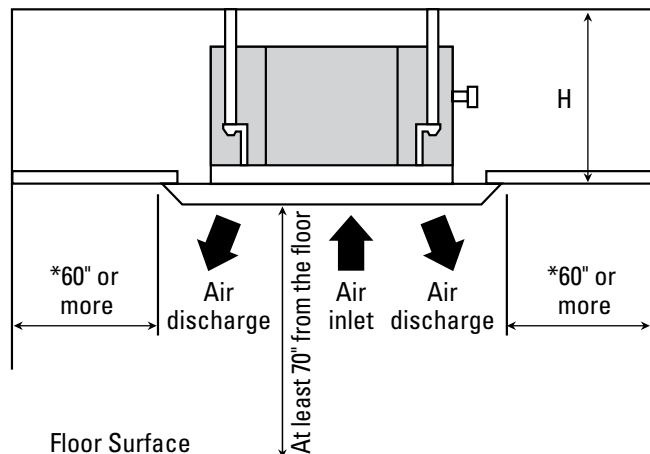
¹ No sensing functions available

² Optional face plates available to provide a more intuitive user interface and disable specific functions

OUTDOOR / CONDENSING UNIT COMPATIBILITY

Outdoor Condensing Unit	FXFQ-TVJU with:	
	Self-Cleaning Filter Panel (BYCQ125BGW1)	Standard Sensing Decoration Panel (BYCQ125B-W1)
VRV IV	Yes	Yes
VRV III, VRV-WIII, VRV III-S	No	Yes
SkyAir	No	No

FXFQ INSTALLATION SPACE



MODEL	HEIGHT
FXFQ07-24TVJU	11"
FXFQ30-48TVJU	12" or more

* Leave 7⁷/₈" or more space on sides where the air outlet is closed.



Our continuing commitment to quality products may mean a change in specifications without notice.

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