

VRV 7



FXFSA

NEW

Round Flow Cassette with Sensing

2.8kW
-TO-
16.0kW
RATED COOLING
CAPACITIES

3.2kW
-TO-
16.0kW
RATED HEATING
CAPACITIES

9
MODELS

NEW R32 Intelligent round flow cassette with advance sensors for ultimate comfort and efficiency in your office or commercial application.

The FXFSA-AVM series is no ordinary cassette. With all the benefits of round flow air distribution coupled with a state of the art infrared sensor that detects human presence but can also sense floor temperature to ensure optimal comfort and energy savings.

There is also a new Circulation Airflow function for rapid cooling/heating and uniform temperature distribution, individual airflow direction control with 5-step fan speed and the option of white or black fascia.



COMFORT AND ENERGY SAVING

Sensors detecting human presence and temperatures near the floor provide comfortable spaces without uneven temperatures.



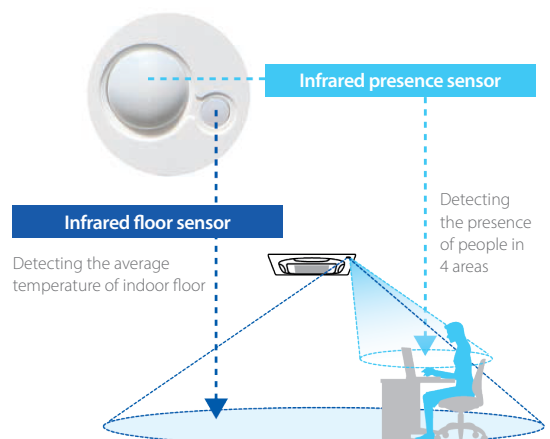
AUTO AIRFLOW FUNCTION

When human is not detected for 5 minutes, the unit automatically returns to controlling the flaps for an unoccupied room.



SENSING SENSOR MODE

When there are no people in a room, the set temperature is shifted automatically.



Panel (Option)

Standard Panel with Sensing

More heating power, better performance.

A redesigned outdoor unit improves efficiency. Adopting more efficient casing improves the heating capacity.



Standard panel with sensing
BYCA125AEF (Fresh White)



Standard panel with sensing
BYCA125AEK (Fresh White)

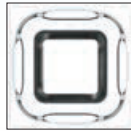
New designer panel*

Designer choice has been given a boost with the increase in number of new types of decoration panels.



Designer panel
BYCA125AAPF (Fresh White)

Close to ideal styling New designer panel



FLAT

Flatter styling:
Suction panel
grid texture smoothed.



CLEAN

Clean-cut form:
Soiling is hard to see
on smart-looking panel.



ROUND

Subtle distinction:
around suction inlets
silvering is a tasteful touch.

*These panels do not contain the sensing function

Auto Grille Panel (Option)

Grille and air filter cleaning can be performed without need for a stepladder by lowering the grille.

A dedicated remote controller for the auto grille panel is included. Operation is not possible using other remote controllers.

Grille panel can be lowered to a maximum of 3.9 m. BYCA125AASF (Fresh White)



Function List

Remote controller	Wired BRC1E63
Dual sensors *1	✓
Auto airflow function (Direct airflow) *1	✓
Auto airflow function (Draft prevention) *1	✓
Sensing sensor stop mode *1	✓
Individual airflow direction control	✓
Switchable 5 step fan	✓
Auto airflow rate	✓
Auto swing	✓
Selectable airflow pattern	✓
High ceiling application	✓
Sensing sensor low mode *1	✓
Circulation airflow	✓

*1. Applicable when sensing panel is installed.

Specifications

INDOOR UNIT		FXFSA25AVM	FXFSA32AVM	FXFSA40AVM	FXFSA50AVM	FXFSA63AVM	FXFSA80AVM	FXFSA100AVM	FXFSA125AVM	FXFSA140AVM	
Power Supply		1-phase, 220-240 V/220-230 V, 50/60 Hz									
Cooling capacity		kW	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity		kW	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	
Power consumption	Cooling	kW	0.028		0.035	0.056	0.061	0.092	0.164	0.170	0.194
	Heating		0.026		0.034	0.056	0.060	0.092	0.144	0.159	0.183
Casing / Colour		Galvanised steel plate									
Airflow rate (H/HM/M/ML/L)	m³/min	13/12.5/11.5/11/10		17/13.5/12.5/12/11	23/20.5/19/14.5/11	23.5/21/20/16/13.5	24.5/22/20.5/20/15	33.5/30.5/27/23.5/21	34.5/31.5/28.5/25.5/23	35.5/32.5/29.5/26.5/23	
Sound level (H/HM/M/ML/L)	dB(A)	30/29.5/28.5/28/27		35/29.5/29/28/27	38/35/34.5/29.5/27	38/36/35.5/31.5/28	39/37/36/35.5/31	44/41/38/35/33	45/42.5/39.5/37/35	46/43.5/40.5/38/35	
Dimensions (HxWxD)	mm	256x840x840						298x840x840			
Machine weight	kg	19			24	22		25		26	
Piping connections	Liquid (Flare)	mm	Ø6.4					Ø9.5			
	Gas (Flare)		Ø12.7					Ø15.9			
	Drain		VP25 (External Dia. 32/Internal Dia. 25)								

OPTIONAL ACCESSORIES

DIV-NET and DIII-NET conversion adaptor installation location		Inside the electrical box	Outside the unit with the installation box	Outside the unit with enclosure kit	On the wall far from unit or outside building with enclosure kit
Indoor unit	Cassette	BRD41A61	-	BRD51A61*1	BRD61A61
	Wall mounted	-	-	-	-
	Duct	BRD43A61	BRD42A61+KRP4B93	BRD51A61	BRD61A61
Outdoor unit		BRD41A61	-	BRD61A61	-

Notes:

Specifications are based on the following conditions;

*1 Indoor temp.: 27°CDB, 19°CWB/outdoor temp.: 35°CDB/Equivalent piping length: 7.5 m, level difference: 0 m.

*2 Indoor temp.: 20°CDB, 15°CWB/outdoor temp.: 7°CDB, 6°CWB/Equivalent piping length: 7.5 m, level difference: 0 m.

*3 Capacities are net, including a deduction for cooling (an addition for heating) for indoor fan motor heat.

*4 Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

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