

VRV 7



FXMA NEW

Middle-High Static Pressure Duct



5.6kW
-TO-
16.0kW
RATED COOLING
CAPACITIES

6.3kW
-TO-
18.0kW
RATED HEATING
CAPACITIES

6
MODELS

NEW R32 FXMA-AVM Middle-High Static Pressure Duct Unit delivers powerful, flexible, and energy-efficient climate control for spaces that demand reliable concealed air distribution.

Designed to handle longer duct runs and more complex layouts, this compact unit fits neatly within ceiling voids while providing consistent airflow and quiet operation. Ideal for both commercial and residential applications, the FXMA-AVM combines advanced inverter technology with versatile performance, making it a smart choice for modern HVAC system design.



EASY & FLEXIBLE INSTALLATION

Using a DC fan motor, the external static pressure can be controlled within a range of 50 Pa* to 200 Pa*.

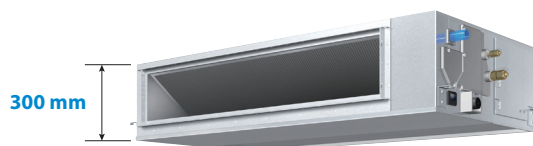
Adjustable external static pressure

50 Pa*

200 Pa

*50 Pa – 200 Pa for FXMA50-125A
*50 Pa – 140 Pa for FXMA140A

- All models have a compact 300 mm height and lightweight design.
- Drain pump is equipped as standard accessory with 700 mm lift.



COMFORT

- Control of the airflow rate can be selected from 5-step control. Auto airflow rate control can be selected with wired remote controller.
- Enhanced sound level control with 5 selectable steps for finer noise adjustment.



EASY MAINTENANCE

Inspection and cleaning is facilitated by separating the drain pipe and inspection opening and by the drain pan maintenance check hole.



ENERGY SAVING

- DC fan motor is used to realise energy-saving operation.

Separate drain pipe and inspection opening



Drain pan maintenance check hole



CLEANLINESS

Silver ion anti-bacterial drain pan

Prevents the growth of slime, bacteria, and mould that cause odours and clogging.

* Drain pan should be changed once every two to three years.



Specifications

INDOOR UNIT			FXMA50AVM	FXMA63AVM	FXMA80AVM	FXMA100AVM	FXMA125AVM	FXMA140AVM	
Power Supply			1-phase, 220-240 V/220-230 V, 50/60 Hz						
Cooling capacity		kW	5.6	7.1	9.0	11.2	14.0	16.0	
Heating capacity		kW	6.3	8.0	10.0	12.5	16.0	18.0	
Power consumption	Cooling	kW	0.131	0.151	0.210	0.264	0.350	0.501	
	Heating		0.131	0.151	0.210	0.264	0.387	0.478	
Casing / Colour			Galvanised steel plate						
Airflow rate (H/HM/M/ML/L)		m³/min	18/17.3/16.5/15.8/15	19.5/18.5/17.5/16.8/16	25/23.8/22.5/21.2/20	32/29.6/27/25/23	39/36/33/30.5/28	46/42.4/39/35.4/32	
External static pressure*2		Pa	50-200 (100)						50-140 (100)
Sound level (HH/VH/L)		dB(A)	41/40/39/38/37	42/41/40/39/38	43/42/41/40/39		44/43/42/41/40	46/45.5/45/44/43	
Dimensions (HxWxD)		mm	300x1,000x700			300x1,400x700			
Machine weight		kg	35			45	46		
Piping connections	Liquid (Flare)	mm	Ø6.4			Ø9.5			
	Gas (Flare)		Ø12.7			Ø15.9			
	Drain		VP25 (External Dia. 32/Internal Dia. 25)						

Notes:

Cooling: Indoor temp: 27°CDB, 19°CWB, Outdoor temp: 35°CDB, Equivalent piping length: 7.5 m, Height difference: 0 m.
 Heating: Indoor temp: 20°CDB, Outdoor temp: 7°CDB, 6°CWB, Equivalent piping length: 7.5 m, Height difference: 0 m.
 Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See Engineering Data Book for details.)
 Sound level: Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

*1: Power consumption values are based on conditions of rated external static pressure.
 *2: External static pressure can be modified using a remote controller that offers 14 (FXMA50-125A) or 10 (FXMA140A) levels of control.
 These values indicate the lowest and highest possible static pressures. The rated static pressure is 100 Pa for FXMA50-140A.

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