

DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

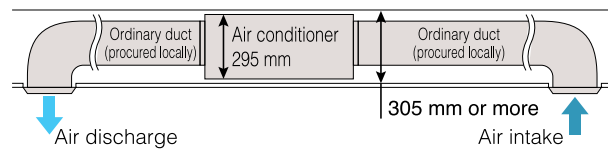
FDMG-NU



- Unit can be mounted in the ceiling and air can be delivered freely by duct.

Superior freedom of layout

- The duct system allows the efficient location of discharge outlets in accordance with the room layout
- Middle static pressure type, usable in a larger than standard space
- Duct connection is simpler with standard rear intake chambers



Cooling only
FDMG26-56

Sound level
45/37 dB(A)
High Low
FDMG36
(220V)

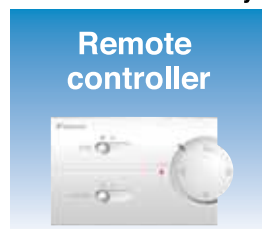
Quiet operation

Indoor unit	(220V) dB(A)	
	High	LOW
FDMG26	42	38
FDMG36	45	37
FDMG42	46	37
FDMG48	46	37
FDMG51	47	37
FDMG56	47	37

- Switchable fan speed: High/Middle/Low

- Drain pipe connection can be done inside the unit. Coolant and drain pipe outlets are at the same opening.

Standard Accessory required for indoor unit Option



KRC47-1A



KRC47-2A

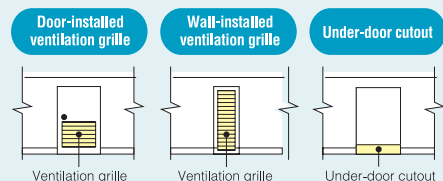
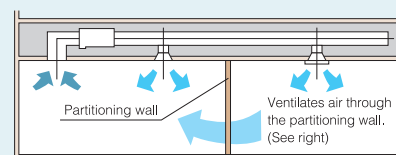
Features

Feature	Comfort	Work & Servicing	Control features
Model	Switchable fan speed	Pre-charged for up to 15 m	Auto-restart
Cooling only	•	*1	•

*1 Applicable to R36-R51 outdoor units

Simultaneous air conditioning of two rooms and ventilation grille (ventilation opening)

When air conditioning two rooms simultaneously, the air discharged into each room must be circulated back to the air conditioner. To achieve this, a ventilation duct should be installed for each room or one of the indicated ventilation grilles should be installed on the partitioning wall or under the door between the rooms.



Note: The under-door cutout method should be used only when there is a small volume of airflow.

SPECIFICATIONS

● DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE

Model Name		Indoor unit		26	36	42	48	51	56	
		Outdoor unit		FDMG26	FDMG36	FDMG42	FDMG48	FDMG51	FDMG56	
				R26	R36	R42	R48	R51	R56	
Power supply		3 Phase, 380-415 V, 50 Hz								
Cooling capacity ¹		Btu/h	26,000	36,000	42,000	48,000	51,000	56,000		
		kW	7.6	10.6	12.3	14.1	15.0	16.4		
		kcal/h	6,550	9,100	10,600	12,100	12,900	14,100		
Power consumption ¹		kW	3.15	4.16	4.84	5.55	5.90	6.45		
Indoor unit		Colour		Ivory						
		Fan	Airflow rate (H)	m ³ /min	23	37	42	42	42	42
				cfm	811	1,306	1,482	1,482	1,482	1,482
		Sound level (H/L) (220V) ²		dB(A)	45/37		46/37	46/37	47/37	47/37
		Dimensions (H×W×D)		mm	305×1,350×680	305×1,550×680	305×1,550×680	305×1,550×680	305×1,900×680	305×1,900×680
		Machine weight		kg	52		52	52	58	58
Certified operation range		°CWB	14 to 25							
Outdoor unit		Colour		Ivory						
		Compressor	Type	Hermetically sealed rotary type		Hermetically sealed scroll type				
			Motor output	kW	2.5	3.00	3.75	4.50	4.50	4.50
		Refrigerant charge (R-22)		kg	2.0(Charged for 15 m)	2.4(Charged for 15 m)	2.6(Charged for 15 m)	2.7 (Charged for 15 m)	2.8 (Charged for 5 m)	
		Sound level ²		dB(A)	57	55	57	59	59	56
		Dimensions (H×W×D)		mm	1,170×900×320		1,170×900×320	1,345×900×320	1,345×900×320	1,345×880×370
Machine weight		kg	70 (V1), 69 (Y1)	81 (V1), 79(Y1)	87	92	93	114		
Certified operation range		°CDB	21 to 46							
Piping connections		Liquid (Flare)		mm	ø9.5	ø9.5	ø9.5	ø9.5	ø9.5	
		Gas (Flare)		mm	ø15.9	ø19.1	ø19.1	ø19.1	ø19.1	
		Drain	Indoor unit	mm	3/4B (I.D ø21.6×O.D ø27.2)					
			Outdoor unit	mm	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)	ø26.0 (Hole)
Max. interunit piping length		m	30 (equivalent length 50 m)						50 (equivalent length 70 m)	
Max. installation level difference		m	20						30	
Heat insulation		Both liquid and gas piping								

Note :

¹Rated cooling capacities are based on the following conditions:.

Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB. Equiv. refrigeration piping, 7.5 m (horizontal).

²Anechoic chamber conversion value, measured according to JIS parameters and criteria.

During operation these values are somewhat higher owing to ambient conditions.