

Perfecting the Air



VRV CEILING MOUNTED DUCT CONNECTION TYPE

BENEFITS



➤ **VRV DUCTED UNIT WITH EC FAN**
Quieter and more energy efficient

BIGGEST COOLING CAPACITY

Ceiling Ducted VRV Indoor Units with the biggest cooling capacity of 34.9kW in the market

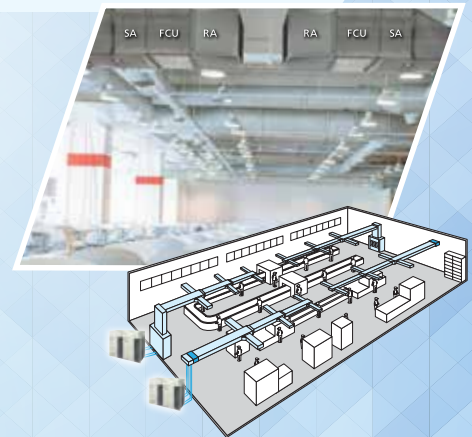


➤ **COMPACT AND SPACE SAVING**
Hang the equipment from the ceiling



FLEXIBLE OF AIR SUPPLY

The use of EC fan direct drive such that the air volume and static required can be adjusted according to the requirements. This flexibility allows for wider application.



APPLICATIONS



SPECIFICATIONS

Duct Connection High Static Pressure Type

MODEL			FXMQ335DSPMEC
Power supply			3 phase, 50Hz, 380-415V
Cooling capacity* ^{1,5}		kW	34.9
		Btu/h	119,114
		kcal/h	30,008
Coil	Type		Aluminium fins and Copper tubes
	Face area	m ²	0.83
EC Fan	Type		EC centrifugal module – RadiCal®
	Drive		Direct drive
	Power Input	kW	0.627 / 1.049 / 1.309* ¹
	Air flow rate	m ³ /min	93.3 / 101.0
		cfm	3296 / 3567
External static pressure	Pascal	130 / 280 / 380* ²	
Dimensions	H x W x D	mm	720 x 1645 x 850
Casing / Colour			Galvanized steel
Weight		kg	148
Sound Level* ²		dB(A)	46 / 48 / 49* ²
Air Filter			Nil
Piping connections	Liquid	mm	Ø12.7 (Brazing)
	Gas	mm	Ø28.6 (Brazing)
	Drain* ⁴	mm	PS 1B internal thread
Remote controller (option)	Wired		BRC1E63
	Wireless		BRC4C64-9
Temperature control			Microprocessor thermostat for cooling
Refrigerant control			Electronic Expansion Valve

Notes:

- *1. Indoor temp.:27°CDB,19°CWB / Outdoor temp.:35°CDB / Equivalent piping length:7.5m, level difference: 0m.
- *2. Anechoic chamber conversion value, measured at a point downward from the unit centre, FCU with 2-meter supply duct and 1-meter return duct. These values are normally somewhat higher during actual operation as a result of ambient conditions.
- *3 External static pressure (ESP) is changeable to change over the connectors inside electrical box, this pressure means "High static" operating ESP @380Pascal at air flow 101.0m³/min power input 1.309kW, sound level 49dB(A). The External static pressure shown is factory setting the rated value exclude filter static loss.
- *4 Field supply insulated condensate drainage outlet pipe with proper U-trap installation is required. Fan coil unit drainage is without drain pump system design.
- *5 FXMQ335DSPMEC Capacity Index is 335. Total Capacity index of connectable indoor units must be 50%-110%of the capacity index of the outdoor unit. Connected with FXMQ335DSPMEC, outdoor units combination capacity index shall limit at 110%.

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