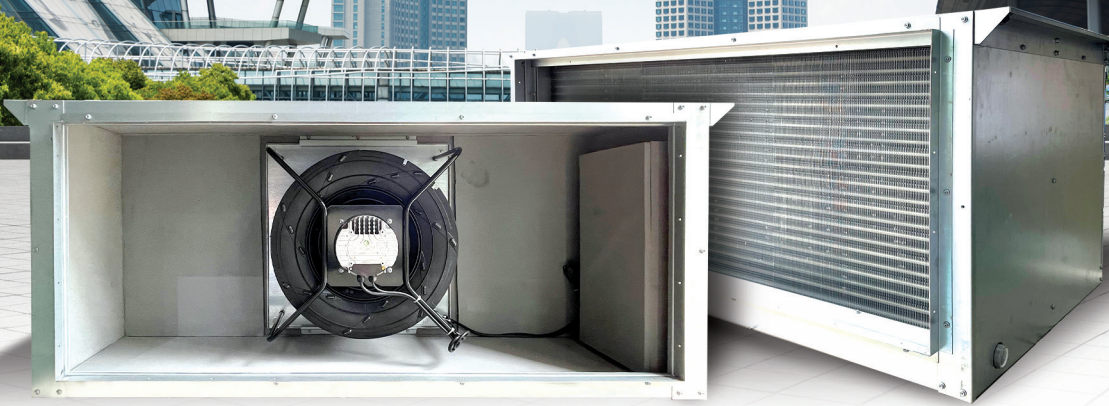


Perfecting the Air

# VRV OUTDOOR AIR PROCESSING UNIT



## PRODUCT FEATURES



### 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 56.0kW in the market

### COMPACT AND SPACE SAVING

Slimmer design compared to AHU

### CEILING DUCTED OAPU WITH HIGHEST EXTERNAL STATIC PRESSURE

Able to cater for higher filtration rating to improve the indoor air quality in buildings

(Indoor)  
FXMQ500DSPFEC



(Outdoor)

## APPLICATIONS



Office



School



Hotel & Resort



Factory



Healthcare Facility

# SPECIFICATIONS

## Duct Connection High Static Pressure Type Outdoor Air Processing Unit (OAPU)

MODEL		FXMQ335 DSPFEC	FXMQ350 DSPFEC	FXMQ400 DSPFEC	FXMQ500 DSPFEC	
Power supply		3 phase, 50Hz, 380-415V				
Cooling capacity <sup>(1), (5)</sup>	kW	34.9	40.0	45.0	56.0	
	Btu/h	119,114	136,520	153,585	191,128	
	kcal/h	30,008	34,394	38,693	48,151	
Coil	Type	Aluminium fins and Copper tubes				
	Rows x Fins Per Inch	3 x 12				
	Face area	m <sup>2</sup>	0.83			
EC Fan	Type	EC centrifugal module – RadiCal <sup>®</sup>				
	Drive	Direct drive				
	Power Input	kW	0.306/0.525/0.673 <sup>(3)</sup>	0.344/0.576/0.745 <sup>(3)</sup>	0.387/0.632/0.811 <sup>(3)</sup>	0.498/0.774/0.976 <sup>(3)</sup>
	Rated Air flow rate	cmh	2,600	3,000	3,400	4,280
		cfm	1,530	1,766	2,001	2,519
External static pressure	Pascal	170 / 320 / 420 <sup>(3)</sup>				
Dimensions (H x W x D)		mm	720 x 1,645 x 850			
Casing / Colour			Galvanized steel			
Weight		kg	148			
Sound Level <sup>(2)</sup>		dB(A)	44 / 46 / 48 <sup>(3)</sup>	44 / 46 / 48 <sup>(3)</sup>	45 / 46 / 48 <sup>(3)</sup>	46 / 47 / 48 <sup>(3)</sup>
Air Filter			Nil			
Piping connections	Liquid	mm	Ø12.7	Ø12.7	Ø12.7	Ø15.9
	Gas	mm	Ø28.6	Ø28.6	Ø28.6	Ø28.6
	Drain <sup>(4)</sup>	mm	PS 1B internal thread			
Remote controller (option)	Wired		BRC1E63			
Temperature control			Microprocessor thermostat for cooling			

### Notes:

(1) Indoor temp.:33°CDB,28°CWB / Outdoor temp.:35°CDB / Equivalent piping length: 7.5m, level difference: 0m.

**Leaving OAPU supply air temperature varies.** Rated leaving evaporator air at around 18.0°CDB and below.

(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 may vary according to ambient conditions.

(3) External static pressure (ESP) is changeable at the electrical box by Daikin Service Team.

This pressure means "High static" operating ESP @420Pascal at rated air flow rate.

The External static pressure shown is the rated value at factory setting excluding 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) Capacity index of FXMQ335, 350, 400 & 500 DSPFEC are 335, 350,400 & 500.

Total connected indoor unit's capacity index must be within 50-100% of the outdoor unit's capacity index.

Contact Daikin for more information.

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