

CEILING MOUNTED CASSETTE TYPE

Cooling only

Super Inverter



			50	60	71	100	125	140	
Model Name	Indoor unit		FCQ50KAVEA	FCQ60KAVEA	FCQ71KAVEA	FCQ100KAVEA	FCQ125KAVEA	FCQ140KAVEA	
	Outdoor unit		RZR50MVM	RZR60MVM	RZR71MVM	RZR100MYM	RZR125MYM	RZR140MYM	
Power supply	Outdoor unit		1 Phase, 220–240 V, 50 Hz			3 Phase, 380–415 V, 50 Hz			
Cooling capacity ^{1,2} Rated (Min. - Max.)	kW		5.0 (2.3-5.6)	6.0 (2.6-6.3)	7.1 (3.2-8.0)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	14.0 (6.2-15.4)	
	Btu/h		17,100 (7,900-19,100)	20,500 (8,900-21,500)	24,200 (10,900-27,300)	34,100 (17,100-38,200)	42,700 (19,500-47,800)	47,800 (21,200-52,600)	
Power consumption	Cooling ¹	kW	1.24	1.58	1.99	2.78	4.31	5.62	
COP		W/W	4.03	3.80	3.57	3.60	2.90	2.49	
CSPF		Wh/Wh	6.47	6.19	5.99	5.13	5.00	4.85	
Indoor unit	Colour	Unit	Fresh white						
		Decoration panel	Fresh white						
	Airflow rate (H/M/L)	m ³ /min	21/17.5/13.5			32/26/20		33/28/22.5	
			741/618/477			1,130/918/706		1,165/988/794	
	Sound pressure level ³ (H/M/L)	dB(A)	35/31.5/28			43/37.5/32		44/39/34	44/40/36
	Dimensions (H×W×D)	Unit	mm	256×840×840			298×840×840		
		Decoration panel	mm	50×950×950					
Machine weight	Unit	kg	21			24			
	Decoration panel	kg	5.5						
Certified Operation range		°CWB	14 to 25						
Outdoor unit	Colour		Ivory white						
	Coil	Type	Cross fin coil			Micro channel			
	Compressor	Type	Hermetically sealed swing type						
		Motor output	kW	1.12	1.35	1.76	1.92		
	Refrigerant charge (R-410A)	kg	1.6(Charged for 30 m)			1.9(Charged for 30 m)			
	Sound pressure level ³	Cooling	dB(A)	48			49	52	54
		Night quiet mode	dB(A)	44			45		
	Dimensions (H×W×D)		mm	595×845×300			990×940×320		
Machine weight		kg	43			73			
Certified Operation range		°CDB	21 to 46						
Piping connections	Liquid (Flare)	mm	φ9.5						
	Gas (Flare)	mm	φ15.9						
	Drain	Indoor unit	mm	VP25 (I.Dφ25×O.Dφ32)					
		Outdoor unit	mm	φ26.0 (Hole)					
Max. interunit piping length		m	50 (Equivalent length 70)						
Max. installation level difference		m	30						
Heat insulation			Both liquid and gas piping						

Note :

¹Rated cooling capacities are based on the following conditions: indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping, 7.5 m (horizontal).

²Capacities are net, including a deduction for cooling for indoor fan motor heat.

³The operation sound is measured in anechoic chamber. If it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.