

Round Flow Ceiling Mounted Cassette Type (Cooling Only)


R-410A

Model Name			Indoor unit	50	60	71	100	125	140	100	125	140		
			Outdoor unit	FCQ50LUV1 RZR50LVVM6	FCQ60LUV1 RZR60LVVM6	FCQ71LUV1 RZR71LVVM6	FCQ100LUV1 RZR100LVVM6	FCQ125LUV1 RZR125LVVM6	FCQ140LUV1 RZR140LVVM6	FCQ100LUV1 RZR100LUY16	FCQ125LUV1 RZR125LUY16	FCQ140LUV1 RZR140LUY16		
Power Supply				1Phase,220~240V,50Hz						3Phase,380~415V,50Hz				
Cooling capacity ¹ 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)	10.0 (5.0-11.2)	12.5 (5.7-14.0)	14.0 (6.2-15.4)		
Power consumption			Cooling ¹	KW	1.44	1.75	2.20	2.92	4.45	5.90	2.92	4.45	5.90	
Indoor Unit	Colour	Unit	—											
		Decoration panel	Fresh white											
	Airflow rate (H/L)		m³/min	21/13.5			32/20	33/22.5		32/20	33/22.5			
			cfm	741/477			1,130/706	1,165/794		1,130/706	1,165/794			
	Sound level (H/L) ²		dB(A)	35/28			43/32	44/34	44/36	43/32	44/34	44/36		
	Dimensions (HxWxD)	Unit	mm	256x840x840			298x840x840							
		Decoration panel	mm	50x950x950										
	Machine weight	Unit	kg	21				24						
		Decoration panel	kg	5.5										
	Certified Operation range	Cooling	°CWB	14 to 25										
Outdoor unit	Colour		Ivory white											
	Compressor	Type	Hermetically sealed swing type					Hermetically sealed scroll type						
		Motor output	KW	1.12	1.35	1.76	2.03	2.4	3.1	1.8	2.4	3.1		
	Refrigerant charge (R-410A)		Kg	1.6 (Charged for 30 m)			3.35 (Charged for 30 m)	3.7 (Charged for 30 m)		2.7 (Charged for 30 m)	3.7 (Charged for 30 m)			
	Sound level ²	Cooling	dB(A)	48			49	50	50	49	50	50		
		Night quiet mode	dB(A)	44			45	46	45	46				
	Dimensions (HxWxD)		mm	595x845x300			990x940x320	1,170x900x320						
	Machine weight		Kg	43			78	97	92	97				
Certified Operation range		Cooling	°CDB	21 to 46										
Piping connections	Liquid (Flare)		mm	Ø9.5										
	Gas (Flare)		mm	Ø15.9										
	Drain	Indoor unit	mm	I.DØ25XODØ32										
			Outdoor unit	Ø26.0 (Hole)										
Max. interunit piping length			m	50 (Equivalent length 70)										
Max. installation level difference			m	30										
Heat insulation				Both liquid and gas piping										

Note: 1. Rated 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).

2. Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.