

Ceiling Mounted 3 x 3 Cassette Type (Cooling Only)



R-410A

Model				Indoor	FCRN50FXV16B	FCRN60FXV16B	FCRN71FXV16B	FCRN90FXV16B	FCRN100FXV16	FCRN125FXV16
				Outdoor	RN50CGXV16B	RN60CGXV16B	RR71CGXV16B	RR90DGXV16B	RR100DGXY1A6	RR125DGXY1A6
Cooling capacity (Rated)				Tonnage	1.5	1.8	2.4	2.8	3.5	3.8
				Btu/Hr	18000	21800	29000	33500	42000	45000
				Kw	5.28	6.39	8.5	9.81	12.31	13.20
Power consumption				W	1710	2095	2750	3175	4110	4810
Running Current				A	7.88	9.26	13.2	14.6	6.57	8.34
EER				W/W	3.09	3.05	3.09	3.09	3.00	2.74
BEE Star Level					2	2	2	2	Labelling Not Applicable For 3-Ph Units	
Power Source				V/Ph/Hz	220-240/1/50				380 - 415 / 3 / 50	
Refrigerant Type					R410a					
Indoor	Air Flow	High	Cfm	High	730	890	1030	1120	1120	1120
		Medium		Medium	620	760	870	1030	1030	1030
		Low		Low	510	620	730	890	890	890
		Quiet		Quiet	360	490	580	760	760	760
	Sound Pressure Level	High	dB(A)	High	38	41	46	48	48	48
		Medium		Medium	35	38	41	45	45	45
		Low		Low	33	35	37	41	41	41
		Quiet		Quiet	29	32	34	37	37	37
	Unit Dimension [Panel]	Height	mm	Height	246[304]	246[304]	288[346]	288[346]	288[346]	288[346]
		Width	mm	Width	840[950]	840[950]	840[950]	840[950]	840[950]	840[950]
		Depth	mm	Depth	840[950]	840[950]	840[950]	840[950]	840[950]	840[950]
Unit Weight [Panel]			Kg		22[5]	22[5]	25[5]	25[5]	25[5]	
Outdoor	Unit Dimension		mm	Height	651	753	753	852	852	852
			mm	Width	855	855	855	1030	1030	1030
			mm	Depth	328	328	328	400	428	428
	Unit Weight		Kg		43	50	60	84	95	98
	Pipe Connection		Type	Flare Valve						
			Liquid	mm	6.35	6.35	9.52	9.52	9.52	9.52
			Gas	mm	12.7	15.88	15.88	15.88	15.88	15.88
Max Piping Length				M	30	30	45	50	50	50
Max Piping Elevation				M	15	15	25	30	30	30

Notes: 1. Rated cooling capacities are based on the following conditions: Return air temp.: 27°CDB, 19.0°CWB, Outdoor temp.: 35°CDB, 24°CWB Equiv. ref. piping: 7m (Horizontal)
 2. Anechoic chamber conversion value, measured under JIS conditions. During actual operation, these values are normally somewhat higher as a result of ambient conditions.