

# COMPACT MULTI FLOW CEILING MOUNTED CASSETTE TYPE

Heat pump

**INVERTER**



			25	35	50	60	
Model Name	Indoor unit		FFQ25BV1B	FFQ35BV1B	FFQ50BV1B	FFQ60BV1B	
	Outdoor unit		RXS25EBVMA	RXS35EBVMA	RXS50FVMA	RXS60FVMA	
Power supply	Outdoor unit		1 Phase, 220-240 V, 50 Hz				
Cooling capacity <sup>1</sup> Rated (Min. - Max.)	kW		2.5 (1.2-3.0)	3.4 (1.2-3.7)	4.7 (1.7-5.6)	5.8 (1.7-6.0)	
	Btu/h		8,550 (4,100-10,250)	11,600 (4,100-12,600)	16,000 (5,800-19,100)	19,800 (5,800-20,500)	
Heating capacity <sup>2</sup> Rated (Min. - Max.)	kW		3.2 (1.2-4.5)	4.0 (1.2-5.0)	5.5 (1.7-7.0)	7.0 (1.7-8.0)	
	Btu/h		10,900 (4,100-15,350)	13,650 (4,100-17,050)	18,800 (5,800-23,900)	23,900 (5,800-27,300)	
Power consumption	Cooling <sup>1</sup>	kW	0.73	1.10	1.62	2.07	
	Heating <sup>2</sup>	kW	0.92	1.20	1.88	2.49	
COP	Cooling	W/W	3.42	3.09	2.90	2.80	
	Heating	W/W	3.48	3.33	2.93	2.81	
Indoor unit	Colour	Unit	White				
		Decoration panel	White				
	Airflow rate (H)	m <sup>3</sup> /min		9/6.5	10/6.5	12/8	15/10
		cfm		318/229	353/229	424/282	530/353
	Sound pressure level <sup>4</sup> (H/L)	dB(A)		29.5/24.5	32/25	36/27	41/32
	Dimensions (H×W×D)	Unit	mm	286×575×575			
		Decoration panel	mm	55×700×700			
	Machine weight	Unit	kg	17.5			
Decoration panel		kg	2.7				
Certified Operation range	Cooling	°CWB	14 to 23				
	Heating	°CDB	10 to 30				
Outdoor unit	Colour	Ivory white					
	Compressor	Type	Hermetically sealed swing type				
		Motor output	kW	0.6			
	Refrigerant charge (R-410A)	kg	1.0 (Charged for 10 m)			1.5 (Charged for 10 m)	
	Sound pressure level <sup>4</sup>	Cooling/Heating		46/47	47/48		49/49
				550×765×285			735×825×300
	Dimensions (H×W×D)	mm					
	Machine weight	kg		34			48
Certified Operation range	Cooling	°CDB	10 to 46				
	Heating	°CWB	-15 to 20			-15 to 18	
Piping connections	Liquid (Flare)		mm				∅6.4
	Gas (Flare)		mm				∅9.5
	Drain	Indoor unit	mm	VP20 (I.D∅20×O.D∅26)			
		Outdoor unit	mm	∅18.0 (Hole)			
Max. interunit piping length	m		20			30	
Max. installation level difference	m		15			20	
Heat insulation	Both liquid and gas piping						

Note :

<sup>1</sup>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).

<sup>2</sup>Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, 15°CWB; outdoor temp., 7°CDB, 6°CWB. Equiv. refrigeration piping, 7.5 m (horizontal)

<sup>3</sup>Capacities are net, including a deduction for cooling for indoor fan motor heat.

<sup>4</sup>The 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.