

DUCT CONNECTION MIDDLE STATIC PRESSURE TYPE Cooling only

Super Inverter



			50	60	71	100	125	140	
Model Name	Indoor unit		FBQ50EVE	FBQ60EVE	FBQ71EVE	FBQ100EVE	FBQ125EVE	FBQ140EVE	
	Outdoor unit		RZR50MVM	RZR60MVM	RZR71MVM	RZR100MYM	RZR125MYM	RZR140MYM	
Power supply	Indoor unit		1 Phase, 220–240 V, 50 Hz						
	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	1.39	1.69	2.22	2.82	4.58	5.85	
COP		W/W	3.60	3.56	3.20	3.55	2.73	2.39	
CSPF		Wh/Wh	5.40	5.20	5.04	4.73	4.61	4.38	
Indoor unit	Colour		—						
	Fan	Airflow rate (H/M/L)	m ³ /min	18/15/12.5		23/19.5/16		32/27/22.5	
			cfm	635/530/441		812/688/565		1,130/953/794	
	External static pressure ³		Pa	Rated 50 (50-150)					
	Sound pressure level ⁴ (H/M/L)		dB(A)	35/33/31		38/35/33		38/35.5/33	
	Air filter ⁵		—						
	Dimensions (H×W×D)		mm	245×1,000×800			245×1,400×800		
	Machine weight		kg	37			47		
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 ⁴	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.

³External static pressure is changeable in 11 stages by remote controller.

⁴The 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.

⁵Air filter is not standard accessory, but please mount it in the duct system of the suction side. Select its dust collection efficiency(gravity method) 50% or more.