

# CEILING SUSPENDED TYPE Cooling only

Super Inverter



			50	60	71	100	125	140					
Model Name	Indoor unit		FHQ50DAVMA	FHQ60DAVMA	FHQ71DAVMA	FHQ100DAVMA	FHQ125DAVMA	FHQ140DAVMA					
	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 <sup>1,2</sup> 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 <sup>1</sup>	kW	1.24	1.58	2.37	3.03	4.42	5.55					
COP		W/W	4.03	3.80	3.00	3.30	2.83	2.52					
CSPF		Wh/Wh	6.18	5.99	5.74	5.01	4.99	4.69					
Indoor unit	Colour		white										
	Airflow rate (H/M/L)	m <sup>3</sup> /min	15/12/10		20.5/17/14		28/24/20		31/27/23		34/29/24		
		cfm	530/424/353		724/600/494		988/847/706		1,094/953/812		1,200/1,024/847		
	Sound pressure level <sup>3</sup> (H/M/L)	dB(A)	37/35/32		38/36/34		42/38/34		44/41/37		46/42/38		
	Dimensions (H×W×D)	mm	235×960×690			235×1,270×690		235×1,590×690					
	Machine weight	kg	25			32		38					
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 <sup>3</sup>	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		VP20 (I.Dφ20×O.Dφ26)								
		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 :

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

<sup>3</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.