

Especificación Técnica



Match-It Unidades Interiores Fan & Coil con Gabinete

Model		MQFC-174018-CHF216A	MQFC-174024-CHF216A	MQFC-174036-CHF216A	MQFC-174048-CHF216A	MQFC-174060-CHF216A	
Electrical Data	Power supply	V-Hz-Ph	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	
	Power input <sup>1</sup>	Cooling	kW	0.07	0.11	0.23	0.25
		Heating	kW	0.07	0.11	0.23	0.25
	Input current <sup>1</sup>	Cooling	A	/	/	/	/
		Heating	A	/	/	/	/
	Max. Overcurrent Protection	A	—	—	—	—	—
	Min/Max Voltage	V	198/264	198/264	198/264	198/264	198/264
Power cord spec	mm <sup>2</sup> xpcs	1.00x3	1.00x3	1.00x3	1.00x3	1.00x3	
Fuse (A)	A	5	5	5	5	5	
Sound Pressure Level (H/M/L)*	dB (A)	39/36/28	46/44/40	52/48/44	53/49/45	56/54/49	
Sound Power Level (H/M/L)*	dB (A)	/	/	/	/	/	
Refrigerant	Type	—	R410A	R410A	R410A	R410A	
	Control	—	—/—	—/—	—/—	—/—	
Air Flow Volume(rated EXP)	CFM	588.5	823.9	1235.85	1412.4	1766	
	m <sup>3</sup> /h	1000	1400	2100	2400	3000	
External Static Pressure	Rated	Pa	25	25	37	50	
		InWg	0.1	0.1	0.148	0.2	
	Range	Pa	0-30	0-75	0-100	0-125	
		InWg	0-0.12	0-0.3	0-0.4	0-0.5	
Fan Motor	Model	—	FG60A-ZL	FG150E-ZL	FG250B-ZL	FG560A-ZL	
	Drive Type	—	Direct	Direct	Direct	Direct	
	Speed	rpm	1300/1200/1000/800	1280/1200/1140/960	1380/1350/1200/1050	900/870/800/700	1050/1000/900/800
	Power Output	W	—	—	—	—	
	Full Load Amp(FLA)	A	/	/	/	/	
	Capacitor	uF	—	—	—	—	
	Fan	Type	—	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Quantity	—	2	2	2	2		
Evaporator	Diameter-Height	inch	φ6.1-6.9	φ6.3-7.9	φ7.0-7.95	φ9.25-8.66	
	Material	—	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	
	Face Area	sq.ft	1.938	2.691	3.337	3.337	
		m <sup>2</sup>	0.18	0.25	0.31	0.31	
	Pipe Diameter	mm	φ7	φ7.94	φ9.52	φ7	
	Number of rows	—	3	3	3	3	
	Tube pitch(a)x row pitch(b)	mm	19.05×12.7	22.0×19.05	25.4×22.0	19.05×12.7	
	Fins per Inch(FPI)	—	16	14	14	17	
	Fin type	—	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	
	Number of circuits	—	6	4	3	12	
Length(L) x Height(H) x Width(W)	mm	718×254×25.4	1000×250×57.15	978×317×66	952×310×62		
Operation temp	Cooling	°C	≥16	≥16	≥16	≥16	
	Heating	°C	≤30	≤30	≤30	≤30	
Drainage Connection Size(Outer Diameter×Wall Thickness)	mm	φ30×1.5	φ20×1.2	φ20×1.2	φ20×1.2		
System Operation Control	—	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle	Wireless Controller/Wired Controlle		
Dimension	Outline dimension (W×D×H)	mm	1037×721×266	1279×558×268	1226×775×290	1340×750×350	
	Package dimension (L×W×H)	mm	1123×798×323	1348×597×283	1338×877×305	1423×837×455	
Weight	Net Weight	kg	33.0	34.0	46.0	57.0	
	Gross Weight	kg	38.0	39.0	53.0	71.0	
Loading quantity (within panel)	20'GP	96	104	70	50		
	40'GP	194	216	147	110		
	40'HQ	220	243	168	110		
Panel	Outline dimension (W×D×H)	mm	× ×	× ×	× ×	× ×	
	Package dimension (W×D×H)	mm	3×3×15	3×3×15	3×3×15	0×0×0	
	Net Weight	kg					
	Gross Weight	kg					

Note:  
 1. The cooling capacity stated above is measured under following conditions :  
 Indoor Condition: 27°C ( 81°F ) DB/19°C ( 66.6°F ) WB;  
 Outdoor Condition: 35°C ( 95.4°F ) DB/24°C ( 75.6°F ) WB.  
 2. Noise is tested in the semi-anechoic room, so it should be slightly higher in the actual Operation due to environmental change.  
 3.\*1" is tested under standard condition:  
 \*2" is tested under rated condition according to CE/Eurovent standard:  
 4.\* Fan different speed