

Especificación Técnica



Match-It Unidades Interiores Piso Techo

Model		MQS-174018-CFC216A		MQS-174024-CFC216A		MQS-174036-CFC216A		MQS-174048-CFC216A		MQS-174060-CFC216A	
Electrical Data	Power supply	V-Hz-Ph	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1	220-240-60-1
	Power input*	Cooling	kW	0.04	0.065	0.14	0.19	0.19	0.19	0.20	0.20
		Heating	kW	0.04	0.065	0.14	0.19	0.19	0.19	0.20	0.20
	Input current	Cooling	A	/	/	/	/	/	/	/	/
		Heating	A	/	/	/	/	/	/	/	/
	Max. Overcurrent Protection	A	—	—	—	—	—	—	—	—	—
Min/Max Voltage	V	198/264	198/264	198/264	198/264	198/264	198/264	198/264	198/264	198/264	
Power cord spec	mm <sup>2</sup> xpcs	1.00×3	1.00×3	1.00×3	1.00×3	1.00×3	1.00×3	1.00×3	1.00×3	1.00×3	
Fuse (A)	A	5	5	5	5	5	5	5	5	5	
Sound Pressure Level (H/M/L)*	dB (A)	42/38/32	48/46/40	48/46/40	53/51/46	53/51/46	53/51/46	53/51/46	53/51/46	53/51/46	
Sound Power Level (H/M/L)*	dB (A)	/	/	/	/	/	/	/	/	/	
Refrigerant	Type	—	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Control	—	—/—	—/—	—/—	—/—	—/—	—/—	—/—	—/—	
Air Flow Volume(rated EXP)	CFM	—	588.5	706.2	1118.15	1353.55	1471.25	1471.25	1471.25	1471.25	
		—	m <sup>3</sup> /h	1000	1200	1900	2300	2500	2500	2500	
		—	Pa	0	0	0	0	0	0	0	
External Static Pressure	Range	InWg	0	0	0	0	0	0	0	0	
		Pa	0	0	0	0	0	0	0		
		InWg	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Fan Motor	Model	—	FG60A-ZL	FG60A-ZL	FG150A-ZL	FG250A-ZL	FG250A-ZL	FG250A-ZL	FG250A-ZL	FG250A-ZL	
	Drive Type	—	Direct t	Direct t	Direct t	Direct t	Direct t	Direct t	Direct t	Direct t	
	Speed	rpm	950/900/800/700	1150/1100/1020/800	1200/1150/1000/860	1300/1250/1000/900	1300/1250/1000/900	1300/1250/1000/900	1300/1250/1000/900	1300/1250/1000/900	
	Power Output	W	—	—	—	—	—	—	—	—	
	Full Load Amp(FLA)	A	/	/	/	/	/	/	/	/	
	Capacitor	uF	—	—	—	—	—	—	—	—	
Fan	Type	—	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
	Quantity	—	4	4	3	4	4	4	4	4	
Diameter-Height	inch	φ5.4-4.1	φ5.4-4.1	φ5.9-7.0	φ5.9-7.00	φ5.90-7.00	φ5.90-7.00	φ5.90-7.00	φ5.90-7.00		
Evaporator	Material	—	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube	
	Face Area	—	sq.ft	3.014	3.014	3.606	4.553	4.553	4.553	4.553	
		—	m <sup>2</sup>	0.28	0.28	0.34	0.42	0.42	0.42	0.42	
	Pipe Diameter	mm	φ7	φ7	φ7	φ7	φ7	φ7	φ7		
	Number of rows	—	2	3	3	4	4	4	4		
	Tube pitch(a)x row pitch(b)	mm	19.05×12.70	19.05×12.70	19.05×12.70	19.05×12.70	19.05×12.70	19.05×12.70	19.05×12.70		
	Fins per Inch(FPI)	—	18	16	16	16	16	16	16		
	Fin type	—	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window		
	Number of circuits	—	4	8	8	8	8	8	8		
	Length(L) x Height(H) x Width(W)	mm	920×304.8×25.4	920×304.8×25.4	1100×304.8×38.1	1389×304.8×50.8	1389×304.8×50.8	1389×304.8×50.8	1389×304.8×50.8		
Operation temp	Cooling	°C	≥16	≥16	≥16	≥16	≥16	≥16	≥16		
	Heating	°C	≤30	≤30	≤30	≤30	≤30	≤30	≤30		
Drainage Connection Size(Outer Diameter×Wall Thickness)	mm	φ17×1.75	φ17×1.75	φ17×1.75	φ17×1.75	φ17×1.75	φ17×1.75	φ17×1.75			
System Operation Control	—	Wireless Controller/Wired Control	Wireless Controller/Wired Control	Wireless Controller/Wired Control	Wireless Controller/Wired Control	Wireless Controller/Wired Control	Wireless Controller/Wired Control	Wireless Controller/Wired Control			
Dimension	Outline dimension (W×D×H)	mm	1220×700×225	1220×700×225	1420×700×245	1700×700×245	1700×700×245	1700×700×245			
	Package dimension (L×W×H)	mm	1343×823×315	1343×823×315	1548×828×345	1828×828×345	1828×828×345	1828×828×345			
Weight	Net Weight	kg	39.0	40.0	48.0	59.0	59.0	59.0			
	Gross Weight	kg	48.0	50.0	56.0	68.0	68.0	68.0			
	Loading quantity (within panel)	20'GP	65	65	42	36	36	36			
40'GP		145	145	90	84	84	84				
40'HQ		158	158	98	98	98	98				
Panel	Outline dimension (W×D×H)	mm	x x	x x	x x	x x	x x	x x			
	Package dimension (W×D×H)	mm	3×3×15	3×3×15	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