

MQFC-40 Floor Ceiling Series



Parameter(Unit)			Value	Value	Value	Value	
Type			Floor ceiling	Floor ceiling	Floor ceiling	Floor ceiling	
Model			MQS-4024-CFC216B	MQS-4036-CFC216B	MQS-4048-CFC216B	MQS-4060-CFC216B	
Electrical Data	Power supply	V-Hz-Ph	220-230-60-1	220-230-60-1	220-230-60-1	220-230-60-1	
	Power input ¹	Cooling	kW	/	/	/	/
		Heating	kW	/	/	/	/
	Input current ¹	Cooling	A	0.86	1.13	2.00	1.88
		Heating	A	/	/	/	/
	Max. Overcurrent Protection	A	/	/	/	/	
Min/Max	Min/Max	V	185/253	185/253	185/253	185/253	
Power cord	Electrical	mm ² xpcs	1.00×3	1.00×3	1.00×3	1.00×3	
Fuse (A)	A	A	5	5	5	5	
Sound Pressure Level (SS/H/M/L)*		dB (A)	48/46/44/41	54/48/46/43	58/56/54/52	58/56/53/51	
Sound Power Level (SS/H/M/L)*		dB (A)	58/56/54/51	64/58/56/53	68/66/64/62	68/66/63/61	
Refrigerant	Type	—	R410A	R410A	R410A	R410A	
	Control	—	valve core	valve core	valve core	valve core	
Air Flow Volume(rated EXP)		CFM	824/735/671/588	1000/905/830/810	1412/1295/1177/105	1530/1440/1250	
		m ³ /h	1400/1250/1140/100	1700/1540/1410/137	2400/2200/2000/180	2600/2450/2130	
External Static Pressure	Rated	Pa	0	0	0	0	
		InWg	0	0	0	0	
	Range	Pa	0	0	0	0	
		InWg	0.00	0.00	0.00	0.00	
Fan Motor	Model	—	FN75A	FN100G	FN200A	FN180A-1	
	Drive Type	—	Direct	Direct	Direct	Direct	
	Speed	rpm	1025/965/890/790	1360/1230/1130/110	1410/1300/1200/110	1510/1380/1250	
	Power Output	W	0.10	0.13	0.27	0.24	
	Full Load Amp(FLA)	A	/	/	/	/	
	Capacitor	uF	2.0	8.0	8.0	8.0	
Fan	Type	—	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
	Quantity	—	3	3	4	4	
	Diameter-Height	inch	φ18.83-5.28	φ6.10-7.28	φ6.10-7.28	φ6.10-7.28	
Evaporator	Material	—	Inner Groove Copper	Inner Groove Copper	Inner Groove Copper	Inner Groove Copper	
	Face Area	sq.ft	3.014	3.014	4.198	4.198	
		m ²	0.28	0.28	0.39	0.39	
	Pipe Diameter	mm	φ5	φ7	φ7	φ7	
	Number of rows	—	2	3	3	3	
	Tube pitch(a)x row pitch(b)	mm	19.05×11.4	19.05×12.7	19.05×12.7	19.05×12.7	
	Fins per Inch(FPI)	—	20	16	16	16	
	Fin type	—	hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	
Number of circuits	—	7	7	7	7		
Length(L) x Height(H) x Width(W)	mm	905×304.8×22.8	905×304.8×38.1	1275×304.8×38.1	1275×304.8×38.1		
Operation temp	Cooling	°C	16~32	16~32	16~32	16~32	
	Heating	°C	/	/	/	/	
Drainage Connection Size(Outer Diameter×Wall Thickness)	mm	φ25×1.5	φ17×1.5	φ17×1.5	φ17×1.5		
System Operation Control	—	Wireless Controller	Wireless Controller	Wireless Controller	Wireless Controller		
Dimension	Outline dimension (W×D×H)	mm	1200×665×235	1200×665×235	1570×665×235	1570×665×235	
	Package dimension (L×W×H)	mm	1363×770×300	1303×770×300	1669×770×300	1669×770×300	
Weight	Net Weight	kg	34.0	37.0	45.0	46.0	
	Gross Weight	kg	40.0	43.0	52.0	53.0	
Loading quantity (within panel)	20'GP		84	84	70	70	
	40'GP		175	189	147	147	
	40'HQ		200	216	168	168	
Panel	Outline dimension (W×D×H)	mm	/	/	/	/	
	Package dimension (W×D×H)	mm	/	/	/	/	
	Net Weight	kg	/	/	/	/	
	Gross Weight	kg	/	/	/	/	