

# MQFC-40 Cassette Series



Parameter(Unit)			Value	Value	Value	Value	
Type			Cassette	Cassette	Cassette	Cassette	
Model			MQS-4024-CCK216B	MQS-4036-CCK216B	MQS-4048-CCK216B	MQS-4060-CCK216B	
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 <sup>1</sup>	Cooling	kW				
		Heating	kW	/	/	/	/
	Input current <sup>1</sup>	Cooling	A	0.63	0.94	1.50	1.37
		Heating	A	/	/	/	/
	Max. Overcurrent Protection	A	/	/	/	/	
Min/Max	Min/Max	V	185/253	185/253	185/253	185/253	
Power cord	Electrical	mm <sup>2</sup> xpcs	1.00x3	1.00x3	1.00x3	1.00x3	
Fuse (A)	A		5	5	5	5	
Sound Pressure Level (SS/H/M/L)*	dB (A)		48/45/43/39	54/50/47/45	54/53/52/50	54/50/50/48	
Sound Power Level (SS/H/M/L)*	dB (A)		58/55/53/49	64/60/57/55	64/63/62/60	64/60/60/58	
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Control		valve core	valve core	valve core	valve core	
Air Flow Volume(rated EXP)	CFM		765/667/618/547	1059/942/824/736	1118/1030/971/883	1118/1030/971/883	
	m <sup>3</sup> /h		1300/1150/1050/930	1800/1600/1400/1250	1900/1750/1650/1500	1900/1750/1650/1500	
External Static Pressure	Rated	Pa	0	0	0	0	
		InWg	0	0	0.00	0	
	Range	Pa	0	0	0	0	
		InWg	0.00	0.00	0.00	0.00	
Fan Motor	Model		FN55A	FN100J	FN100J	FN140A	
	Drive Type		Direct	Direct	Direct	Direct	
	Speed	rpm	685/625/565/490	760/670/595/530	790/730/675/620	850/800/740/680	
	Power Output	W	0.07	0.13	0.13	0.18	
	Full Load Amp(FLA)	A	/	/	/	/	
	Capacitor	uF	2.0	5.0	6.0	6.0	
Fan	Type		Axial-flow	Centrifugal	Centrifugal	Centrifugal	
	Quantity		1	1	1	1	
	Diameter-Height	inch	φ18.83-5.28	φ18.83-6.06	φ18.83-6.06	φ18.83-6.06	
Evaporator	Material		Inner Groove Copper	Inner Groove Copper	Inner Groove Copper	Inner Groove Copper	
	Face Area	sq.ft	4.198	5.382	5.38	5.382	
		m <sup>2</sup>	0.39	0.50	0.50	0.50	
	Pipe Diameter	mm	φ7	φ7	φ7	φ7	
	Number of rows		2	2	2	3	
	Tube pitch(a)x row pitch(b)	mm	19.05x12.7	19.05x12.7	19.05x12.7	19.05x12.7	
	Fins per Inch(FPI)		16	18	16	16	
	Fin type		hydrophilic-window	hydrophilic-window	hydrophilic-window	hydrophilic-window	
	Number of circuits		9	5	6	9	
Length(L) x Height(H) x Width(W)	mm	2021x190.5x25.4	2054x247.7x25.4	2021x247.7x25.4	2188x247.7x38.1		
Operation temp	Cooling	°C	16~32	16~32	16~32	16~32	
	Heating	°C	/	/	/	/	
Drainage Connection Size(Outer Diameter×Wall Thickness)	mm		φ25x1.5	φ25x1.5	φ25x1.5	φ25x1.5	
System Operation Control			Wireless Controller	Wireless Controller	Wireless Controller	Wireless Controller	
Dimension	Outline dimension (W×D×H)	mm	840×840×240	840×840×290	840×840×290	840×840×290	
	Package dimension (L×W×H)	mm	933×903×272	933×903×335	933×903×335	933×903×335	
Weight	Net Weight	kg	32.0	34.0	35.0	38.0	
	Gross Weight	kg	38.0	41.0	42.0	45.0	
Loading quantity (within panel)	20'GP		96	84	84	84	
	40'GP		208	182	182	182	
	40'HQ		234	182	182	182	
Panel	Outline dimension (W×D×H)	mm	950×950×52	950×950×52	950×950×52	950×950×52	
	Package dimension (W×D×H)	mm	1033×1038×112	1033×1038×112	1033×1038×112	1033×1038×112	
	Net Weight	kg	6.0	6.0	6.0	6.0	
	Gross Weight	kg	9.5	9.5	9.5	9.5	