



MSCK 020/025/030/040/050 A/AR



MSCK 020/025/030/040/050 A/AR
MSCK 010/015/020 C/CR

Cooling	9500 Btu/h - 46000 Btu/h 2.78 kW - 13.48 kW
Heating	9500 Btu/h - 48000 Btu/h 2.78 kW - 14.07 kW



MSCK 010/015/020 C/CR

Ceiling Cassette A & C Series



MSLC 010/015 C/CR



MSLC 020/025/030 C/CR



MSLC 035/040/050 C/CR



Wide Range Of Offerings

McQuay Ceiling Cassette offers flexibility and choices for installation depending on the interior design requirements. The compact MSCK-C series fits perfectly into the standard ceiling board of 600mm x 600mm and thus offers easier installation.



Stylish And Slim Panel

The slim panel can be blended easily into interior decoration and design.

4 Way Air Discharge And Air Swing

It comes with 4 way air discharge and air swing function to ensure better air distribution and circulation in the room.



Built-In High Head Drain Pump

The unit comes with a built-in high head drain pump 700mm head. A safety float is incorporated in the drain pump to monitor its water level.



Auto Mode

Auto Mode allows the setting to change automatically between cool and heat mode depending on the room temperature and the set temperature required.

Hot Keep Cycle

During heat mode hot keep cycle, the fan will run at low speed during the thermostat cycle off. As a result, one will not fill the draft of cold air discharge from the unit. Option of fan stop or fan run at specific interval timing can also be selected.

Self Diagnosis

This intelligent feature helps to detect faults or malfunctioning in the system and give user a warning by blinking of the LED lights.

NIM – Able

The MSCK-A/C ranges of product is able to communicate with the versatile NIM networking control module and offers the opportunity of one centralized control for a systems of multiple indoor units in a building.

Choices Of Wired And Wireless Controller



E77 Handset



AC-0200 Wireless Controller (Optional)



SLM 3 Wired Controller

CEILING CASSETTE M5CK-A SERIES - R-410A

HEATPUMP MODEL		INDOOR UNIT OUTDOOR UNIT		M5CK 025AR	M5CK 025AR	M5CK 030AR					
NOMINAL COOLING CAPACITY - 10 <30>	Btu/h W	18500 <18500> 5420 <5420>	M5LC 020CR	M5LC 020CR	20000 <22960>	28000 <27000>					
				M5LC 025CR	21500 <23200>	29000 <27000>					
				M5LC 030CR	23000 <22860>	30600 <27290>					
NOMINAL HEATING CAPACITY - 10 <30>	Btu/h W	18500 <18500> 5420 <5420>	M5LC 020CR	M5LC 020CR	21500 <23200>	29000 <27000>					
				M5LC 025CR	23000 <22860>	30600 <27290>					
				M5LC 030CR	24500 <22720>	32100 <27100>					
90 Hz NOMINAL TOTAL INPUT POWER - 10 <30> EER - 10 <30> COP - 10 <30>	COOLING HEATING	W W	M5CK 025A M5LC 020C	M5CK 025A	2003 <2260>	2680 <2729>					
				M5LC 020C	2033 <2153>	2150 <2361>					
				M5CK 025A	2.90 <2.96>	3.06 <2.90>					
				M5LC 020C	3.10 <3.16>	3.82 <3.32>					
COOLING ONLY MODEL	INDOOR UNIT OUTDOOR UNIT		M5CK 025A	M5CK 025A	M5CK 030A						
	NOMINAL CAPACITY - 10 <30>	Btu/h W	18500 <18500> 5420 <5420>	M5LC 020C	20000 <22960>	28000 <27000>					
				M5LC 025C	21500 <23200>	29000 <27000>					
M5LC 030C				23000 <22860>	30600 <27290>						
90 Hz NOMINAL TOTAL INPUT POWER - 10 <30> EER - 10 <30>	W WW	1703 <1718> 3.16 <3.05>	M5CK 025A M5LC 020C	M5CK 025A	2003 <2260>	2680 <2729>					
				M5LC 020C	2033 <2153>	2150 <2361>					
				M5CK 025A	2.90 <2.96>	3.06 <2.90>					
POWER SOURCE - 10 <30>	V/Ph/Hz	220-240/1/50 <380-415/3/50>	M5CK 025A M5LC 020C	M5CK 025A	220-240/1/50 <380-415/3/50>	2680 <2729>					
				M5LC 020C	2033 <2153>	2150 <2361>					
				M5CK 025A	2.90 <2.96>	3.06 <2.90>					
INDOOR UNIT	AIR FLOW	HIGH	3/4 / CFM	349 / 740	386 / 780	415 / 880					
		MEDIUM	3/4 / CFM	297 / 630	311 / 660	349 / 740					
		LOW	3/4 / CFM	283 / 600	283 / 600	321 / 680					
	SOUND PRESSURE LEVEL (dBA)	HEIGHT	mm/in	42 / 39 / 37	45 / 42 / 40	49 / 45 / 43					
		WIDTH	mm/in		335 (378) / 13.2 (14.9)						
		DEPTH	mm/in		820 (930) / 32.2 (36.6)						
UNIT DIMENSION (J) - WITH PANEL	HEIGHT	mm/in		820 (930) / 32.2 (36.6)							
	WIDTH	mm/in		820 (930) / 32.2 (36.6)							
	DEPTH	mm/in		820 (930) / 32.2 (36.6)							
WEIGHT (UNIT + PANEL)	SOUND PRESSURE LEVEL	dBA	52	31 + 4 / 68.3 + 8.8	32 + 4 / 70.5 + 8.8	35 + 4 / 77.2 + 8.8					
							HEIGHT	mm/in	854 / 25.7	756 / 29.8	54
							WIDTH	mm/in	855 / 33.7	805 / 33.7	
UNIT DIMENSION	DEPTH	mm/in	328 / 12.9	328 / 12.9	328 / 12.9	328 / 12.9					
							UNIT WEIGHT	kg/lb	59 / 130.1	62 / 136.7	68 / 149.9
							PIPE CONNECTION	TYPE	LIQUID	mm/in	6.35 / 1/4
GAS	mm/in	12.70 / 1/2	15.88 / 5/8	15.88 / 5/8							

CEILING CASSETTE M5CK-A SERIES - R-410A

HEATPUMP MODEL		INDOOR UNIT OUTDOOR UNIT		M5CK 040AR		M5CK 050AR					
NOMINAL COOLING CAPACITY - 10 <30>	Btu/h W	33500 <33500> 9620 <9620>	M5LC 035CR	M5LC 035CR	40000 <40000>	<46000>					
				M5LC 040CR	11720 <11720>	<13480>					
				M5LC 050CR	40000 <40000>	<46000>					
NOMINAL HEATING CAPACITY - 10 <30>	Btu/h W	33500 <33500> 9620 <9620>	M5LC 035CR	M5LC 035CR	11720 <11720>	<14070>					
				M5LC 040CR	40000 <40000>	<46000>					
				M5LC 050CR	40000 <40000>	<46000>					
90 Hz NOMINAL TOTAL INPUT POWER - 10 <30> EER - 10 <30> COP - 10 <30>	COOLING HEATING	W W	M5CK 040A M5LC 035C	M5CK 040A	3093 <3960>	<4530>					
				M5LC 035C	2800 <2750>	<4300>					
				M5CK 040A	3.22 <3.30>	<2.98>					
				M5LC 035C	3.66 <3.73>	<3.27>					
COOLING ONLY MODEL	INDOOR UNIT OUTDOOR UNIT		M5CK 040A	M5CK 040A	M5CK 050A						
	NOMINAL CAPACITY - 10 <30>	Btu/h W	33500 <33500> 9620 <9620>	M5LC 035C	40000 <40000>	<46000>					
				M5LC 040C	11720 <11720>	<13480>					
M5LC 050C				40000 <40000>	<46000>						
90 Hz NOMINAL TOTAL INPUT POWER - 10 <30> EER - 10 <30>	W WW	3350 <3350> 3.22 <3.30>	M5CK 040A M5LC 035C	M5CK 040A	3093 <3960>	<4530>					
				M5LC 035C	2800 <2750>	<4300>					
				M5CK 040A	3.22 <3.30>	<2.98>					
POWER SOURCE - 10 <30>	V/Ph/Hz	220-240/1/50 <380-415/3/50>	M5CK 040A M5LC 035C	M5CK 040A	220-240/1/50 <380-415/3/50>	<2.98>					
				M5LC 035C	2033 <2153>	2150 <2361>					
				M5CK 040A	2.90 <2.96>	3.06 <2.90>					
INDOOR UNIT	AIR FLOW	HIGH	3/4 / CFM	467 / 990	487 / 1040	491 / 1040					
		MEDIUM	3/4 / CFM	406 / 860	359 / 760	448 / 950					
		LOW	3/4 / CFM	359 / 760	359 / 760	411 / 870					
	SOUND PRESSURE LEVEL (dBA)	HEIGHT	mm/in	51 / 48 / 46	51 / 48 / 46	53 / 52 / 50					
		WIDTH	mm/in		335 (378) / 13.2 (14.9)						
		DEPTH	mm/in		820 (930) / 32.2 (36.6)						
UNIT DIMENSION (J) - WITH PANEL	HEIGHT	mm/in		820 (930) / 32.2 (36.6)							
	WIDTH	mm/in		820 (930) / 32.2 (36.6)							
	DEPTH	mm/in		820 (930) / 32.2 (36.6)							
WEIGHT (UNIT + PANEL)	SOUND PRESSURE LEVEL	dBA	55	36 + 4 / 83.8 + 8.8	38	40 + 4 / 86.2 + 8.8					
							HEIGHT	mm/in	890 / 33.5	800 / 31.5	60
							WIDTH	mm/in	1550 / 40.6	1550 / 40.6	
UNIT DIMENSION	DEPTH	mm/in	400 / 15.7	400 / 15.7	400 / 15.7	400 / 15.7					
							UNIT WEIGHT	kg/lb	95 / 209.4	100 / 220.5	105 / 231.5
							PIPE CONNECTION	TYPE	LIQUID	mm/in	9.52 / 3/8
GAS	mm/in	15.88 / 5/8	15.88 / 5/8	15.88 / 5/8							

1) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5135.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW.

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

b) HEATING - 30°C DB INDOOR AND 7°C DB / 4°C WB OUTDOOR

4) FOR M5CK 030AR AWJ, SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9812 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW RASIA. FOR M5CK 050A0150 AWJ, SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9812 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1.5m BELOW RASIA.

CEILING CASSETTE M5CK-C SERIES - R-410A

HEATPUMP MODEL		INDOOR UNIT OUTDOOR UNIT		M5CK 010CR M5LC 010CR	M5CK 015CR M5LC 015CR	M5CK 020CR M5LC 020CR
NOMINAL COOLING CAPACITY - 10 <30>			Btu/h	9500	12500	17500 <18000>
			W	2780	3660	5129 <5280>
NOMINAL HEATING CAPACITY - 10 <30>			Btu/h	9500	11500	17500 <18500>
			W	2780	3370	5129 <5420>
90 Hz	NOMINAL TOTAL INPUT POWER - COOLING 10 <30>	COOLING HEATING	W	900	1300	1690 <1724>
			W	830	1020	1710 <1494>
			WW	3.09	2.82	3.03 <3.06>
			WW	3.35	3.30	3.00 <3.03>
COOLING ONLY MODEL	INDOOR UNIT OUTDOOR UNIT			M5CK 010C M5LC 010C	M5CK 015C M5LC 015C	M5CK 020C M5LC 020C
			NOMINAL CAPACITY - 10 <30>	Btu/h	9500	12500
90 Hz	NOMINAL TOTAL INPUT POWER - 10 <30>	EER - 10 <30>	W	2780	3660	5129 <5280>
			WW	900	1300	1690 <1724>
POWER SOURCE - 10 <30>			WW	3.09	2.82	3.03 <3.06>
				W/Ph/Hz	220 - 240 / 1 / 50	
INDOOR UNIT	AIR FLOW	HIGH	ft ³ / CFM	189 / 400	194 / 410	212 / 450
		MEDIUM	ft ³ / CFM	184 / 390	184 / 390	203 / 430
	SOUND PRESSURE LEVEL (94dB/L)	LOW	ft ³ / CFM	175 / 370	170 / 360	194 / 410
			dBA	44 / 43 / 42	44 / 42 / 41	47 / 46 / 44
UNIT DIMENSION (1) - WITH PANEL	HEIGHT	mm/in		250 (206) / 9.8 (11.6)		
	WIDTH	mm/in		570 (640) / 22.4 (25.2)		
UNIT WEIGHT (UNIT + PANEL)	DEPTH	mm/in		570 (640) / 22.4 (25.2)		
		kg/lb	22 + 2 / 48.5 + 4.4	23.2 / 50.7 + 4.4	23 + 2 / 50.7 + 4.4	
OUTDOOR UNIT	SOUND PRESSURE LEVEL		dBA	46	49	52
		HEIGHT	mm/in		540 / 21.3	654 / 25.7
	WIDTH	mm/in		700 / 27.6	855 / 33.7	
	DEPTH	mm/in		250 / 9.8	326 / 12.9	
UNIT WEIGHT		kg/lb	31 / 72.75	35 / 77.16	39 / 130.1	
PIPE CONNECTION	TYPE			FLARE VALVE		
		SIZE	LIQUID	mm/in	6.35 / 1/4	6.35 / 1/4
		GAS	mm/in	9.52 / 3/8	12.70 / 1/2	

1) ALL SPECIFICATIONS ARE SUBJECT TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151.

3) NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW:

a) COOLING - 27°C DB / 19°C WB INDOOR AND 35°C DB / 24°C WB OUTDOOR

b) HEATING - 30°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR

4) SOUND PRESSURE LEVEL ARE ACCORDING TO JIS C 9612 STANDARD. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW RASGA.