

# Inverter Series



# Inverter DX Systems



M5WMX-G/GR



M5CKX-A/AR  
M5CKX-C/CR



M5CMX-E/ER



M5CCX-C/CR

## Reaching The Next Level Of Air-Conditioning Evolution

McQuay's global presence necessitates us to play our role and responsibility towards building a better world for our future generations.

Our innovation and technological efforts are geared towards attaining the best energy efficiency and ensure we build our products that have minimal environment impact.

Realising this,

McQuay offers a wide range of inverters where choices are a plenty and flexible, to fit your every needs and create your desired indoor environment.

- **Wide selection of indoors units.**
- **Choice of refrigerant (R410A or R22)**
- **Selection between high-performance single splits (up to 6.7kW / 23000 Btu/h) or space-saving multi-splits (up to 11.1 kW / 38000 Btu/h).**



M5LCX



M5MSX



MMSV

SINGLE SPLIT DC INVERTER

WALL-MOUNTED G-SERIES	HEAT PUMP MODEL		INDOOR UNIT	M5WMX010GR	M5WMX015GR	M5WMX020GR	M5WMX025GR	
			OUTDOOR UNIT	M5LCX010CR	M5LCX015CR	M5LCX020CR	M5LCX025CR	
	RATED COOLING CAPACITY (MIN - MAX)		W	2785 (812 - 3272)	3517 (812 - 4430)	5275 (1465 - 5862)	6155 (1465 - 6741)	
			Btu/h	9500 (2772 - 11165)	12000 (2772 - 15114)	18000 (5000 - 20000)	21000 (5000 - 23000)	
	RATED HEATING CAPACITY (MIN - MAX)		W	3370 (791 - 4588)	3810 (791 - 4739)	5568 (1465 - 6155)	6448 (1465 - 7034)	
			Btu/h	11500 (2699 - 15655)	13000 (2699 - 16170)	19000 (5000 - 22000)	22000 (5000 - 25000)	
	RATED POWER CONSUMPTION (MIN - MAX)		COOLING	W	820 (242 - 1038)	1100 (242 - 1559)	1632	1991
			HEATING	W	930 (231 - 1455)	1057 (231 - 1865)	1631	2013
	COOLING EER		W/W	3.40	3.20	3.23	3.09	
	HEATING COP		W/W	3.62	3.60	3.41	3.20	
WALL-MOUNTED G-SERIES	COOLING ONLY MODEL		INDOOR UNIT	M5WMX010G	M5WMX015G	M5WMX020G	M5WMX025G	
			OUTDOOR UNIT	M5LCX010C	M5LCX015C	M5LCX020C	M5LCX025C	
	RATED COOLING CAPACITY (MIN - MAX)		W	2785 (812 - 3272)	3517 (812 - 4430)	18000 (5000 - 20000)	21000 (5000 - 23000)	
			Btu/h	9500 (2772 - 11165)	12000 (2772 - 15114)	5275 (1465 - 5862)	6155 (1465 - 6741)	
	RATED POWER CONSUMPTION (MIN - MAX)		W	820 (242 - 1038)	1100 (242 - 1559)	1632	1991	
	COOLING EER		W/W	3.40	3.20	3.23	3.09	
	POWER SUPPLY		( V / Ph / Hz )	220 - 240 / 1 / 50				
	AIR FLOW		cfm ( L/s )	300 (142)	330 (156)	550 (260)	630 (297)	
	SOUND LEVEL (HIGH / LOW)		dBA	30	31	35	40	
	UNIT WEIGHT		kg	9.5		15		
UNIT DIMENSION	HEIGHT	mm/in	260 / 10.2		304 / 12.0			
	WIDTH	mm/in	899 / 35.4		1062 / 41.8			
	DEPTH	mm/in	198 / 7.8		220 / 8.7			
CEILING-CONCEALED C-SERIES	HEAT PUMP MODEL		INDOOR UNIT	M5CCX010CR	M5CCX015CR	M5CCX020CR	M5CCX025CR	
			OUTDOOR UNIT	M5LCX010CR	M5LCX015CR	M5LCX020CR	M5LCX025CR	
	RATED COOLING CAPACITY		W	2784 (812 - 3517)	3517 (812 - 4396)	5275 (1465 - 5862)	6155 (1465 - 6741)	
			Btu/h	9500 (2772 - 12000)	12000 (2772 - 15000)	18000 (5000 - 20000)	21000 (5000 - 23000)	
	RATED HEATING CAPACITY		W	3370 (791 - 4396)	3810 (791 - 4983)	5568 (1465 - 6155)	6448 (1465 - 7034)	
			Btu/h	11500 (2700 - 15000)	13000 (2700 - 17000)	19000 (5000 - 21000)	22000 (5000 - 25000)	
	RATED POWER CONSUMPTION		COOLING	W	830 (252 - 1048)	1136 (278 - 1595)	1683 (526 - 1885)	2045 (529 - 2513)
			HEATING	W	940 (241 - 1465)	1093 (267 - 1901)	1682 (549 - 2220)	2067 (552 - 2361)
	COOLING EER		W/W	3.35	3.10	3.13	3.01	
	HEATING COP		W/W	3.59	3.49	3.31	3.12	
CEILING-CONCEALED C-SERIES	COOLING ONLY MODEL		OUTDOOR UNIT	M5CCX010C	M5CCX015C	M5CCX020C	M5CCX025C	
			INDOOR UNIT	M5LCX010C	M5LCX015C	M5LCX020C	M5LCX025C	
	RATED COOLING CAPACITY		W	2638 (1084 - 3517)	3517 (812 - 4396)	5275 (1465 - 5862)	6155 (1465 - 6741)	
			Btu/h	9000 (3700 - 12000)	12000 (2772 - 15000)	18000 (5000 - 20000)	21000 (5000 - 23000)	
	RATED POWER CONSUMPTION (MIN - MAX)		W	830 (252 - 1048)	1136 (278 - 1595)	1683 (526 - 1885)	2045 (529 - 2513)	
	COOLING EER		W/W	3.35	3.10	3.13	3.01	
	POWER SUPPLY		( V / Ph / Hz )	220 - 240 / 1 / 50				
	AIR FLOW		HIGH	cfm ( L/s )	300 (142)	510 (241)	700 (330)	730 (345)
			MEDIUM	260 (123)	440 (208)	680 (321)	720 (340)	
			LOW	220 (104)	360 (170)	620 (293)	580 (274)	
EXTERNAL STATIC PRESSURE		HIGH	Pa (in. WG)	49 (0.20)	49 (0.20)	64 (0.26)	55 (0.22)	
		MEDIUM	39 (0.16)	39 (0.16)	58 (0.24)	39 (0.16)		
		LOW	29 (0.12)	20 (0.08)	34 (0.14)	29 (0.12)		
SOUND LEVEL		dBA	26	29	34	36		
UNIT WEIGHT		kg	17	21	22	25		
UNIT DIMENSION	HEIGHT	mm/in	261 / 10.3		261 / 10.3			
	WIDTH	mm/in	765 / 30.1		1065 / 41.9			
	DEPTH	mm/in	411 / 16.2		411 / 16.2			
CEILING-CASSETTE C-SERIES	HEAT PUMP MODEL		INDOOR UNIT	M5CKX010CR	M5CKX015CR	M5CKX020CR	--	
			OUTDOOR UNIT	M5LCX010CR	M5LCX015CR	M5LCX020CR	--	
	RATED COOLING CAPACITY		W	2785 (812 - 3272)	3517 (812 - 4430)	5275 (1465 - 5862)		
			Btu/h	9500 (2772 - 11165)	12000 (2772 - 15114)	18000 (5000 - 20000)		
	RATED HEATING CAPACITY		W	3370 (791 - 4588)	3810 (791 - 4739)	5568 (1465 - 6155)		
			Btu/h	11500 (2699 - 15655)	13000 (2699 - 16170)	19000 (5000 - 21000)		
	RATED POWER CONSUMPTION		COOLING	W	833 (252 - 1048)	1116 (278 - 1595)	1646 (526 - 1885)	
			HEATING	W	943 (241 - 1465)	1073 (267 - 1901)	1645 (549 - 2220)	
	COOLING EER		W/W	3.34	3.15	3.20		
	HEATING COP		W/W	3.57	3.55	3.38		
CEILING-CASSETTE C-SERIES	COOLING ONLY MODEL		INDOOR UNIT	M5CKX010C	M5CKX015C	M5CKX020C	--	
			OUTDOOR UNIT	M5LCX010C	M5LCX015C	M5LCX020C	--	
	RATED COOLING CAPACITY		W	2785 (812 - 3272)	3517 (812 - 4430)	5275 (1465 - 5862)		
			Btu/h	9500 (2772 - 11165)	12000 (2772 - 15114)	18000 (5000 - 20000)		
	RATED POWER CONSUMPTION (MIN - MAX)		W	833 (252 - 1048)	1116 (278 - 1595)	1646 (526 - 1885)		
	COOLING EER		W/W					
	POWER SUPPLY		( V / Ph / Hz )	220 - 240 / 1 / 50				
	AIR FLOW		cfm ( L/s )	400 ( 190 )	410 ( 195 )	450 (212)		
	SOUND LEVEL		dBA	42	41	44		
	UNIT WEIGHT (UNIT + PANEL)		kg	22 (24)	23 (25)	23 (25)		
UNIT DIMENSION (WITH PANEL)	HEIGHT	mm/in	250 / 9.8 (295 / 11.6)		250 / 9.8 (295 / 11.6)			
	WIDTH	mm/in	570 / 22.4 (640 / 25.2)		570 / 22.4 (640 / 25.2)			
	DEPTH	mm/in	570 / 22.4 (640 / 25.2)		570 / 22.4 (640 / 25.2)			

- 1) ALL SPECIFICATIONS ARE SUBJECTED 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 - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR

SINGLE SPLIT DC INVERTER

CEILING-CASSETTE A-SERIES	HEAT PUMP MODEL		INDOOR UNIT	--	M5CKX020AR	M5CKX025AR
			OUTDOOR UNIT	--	M5LCX020CR	M5LCX025CR
	NOMINAL COOLING CAPACITY		W		5275 (1465 - 5862)	6155 (1465 - 6741)
			Btu/h		18000 (5000 - 20000)	21000 (5000 - 23000)
	NOMINAL HEATING CAPACITY		W		5568 (1465 - 6155)	6448 (1465 - 7034)
			Btu/h		19000 (5000 - 22000)	22000 (5000 - 25000)
	RATED POWER CONSUMPTION		COOLING	W	1694 (526 - 1885)	2054 (529 - 5213)
			HEATING	W	1693 (526 - 1885)	2076 (529 - 5213)
	COOLING EER		W/W		3.11	3.00
	HEATING COP		W/W		3.29	3.11
	COOLING ONLY MODEL		INDOOR UNIT	--	M5CKX020A	M5CKX025A
			OUTDOOR UNIT	--	M5LCX020C	M5LCX025C
	NOMINAL COOLING CAPACITY		W		5275 (1465 - 5862)	6155 (1465 - 6741)
			Btu/h		18000 (5000 - 20000)	21000 (5000 - 23000)
	RATED POWER CONSUMPTION (MIN - MAX)		W		1694 (526 - 1885)	2054 (529 - 5213)
COOLING EER		W/W		3.11	3.00	
POWER SUPPLY		( V / Ph / Hz )		220 - 240 / 1 / 50		
AIR FLOW		cfm ( L/s )		740 (349)	780 (368)	
SOUND LEVEL		dBA		37	40	
UNIT WEIGHT (UNIT + PANEL)		kg		31 (35)	32 (36)	
UNIT DIMENSION (WITH PANEL)		HEIGHT	mm/in	335 (363) / 13.2 (14.3)		
		WIDTH	mm/in	820 (930) / 32.2 (36.6)		
		DEPTH	mm/in	820 (930) / 32.2 (36.6)		
HEAT PUMP MODEL		INDOOR UNIT	M5CMX015ER	M5CMX020ER	M5CMX025ER	
		OUTDOOR UNIT	M5LCX015CR	M5LCX020CR	M5LCX025CR	
NOMINAL COOLING CAPACITY (MIN - MAX)		W	3520 (812 - 4396)	5275 (1465 - 5862)	6155 (1465 - 6741)	
		Btu/h	12000 (2772 - 15000)	18000 (5000 - 20000)	21000 (5000 - 23000)	
NOMINAL HEATING CAPACITY (MIN - MAX)		W	3810 (791 - 4982)	5568 (1465 - 6155)	6448 (1465 - 7034)	
		Btu/h	13000 (2700 - 17000)	19000 (5000 - 22000)	22000 (5000 - 25000)	
RATED POWER CONSUMPTION (MIN - MAX)		COOLING	W	1135 (258 - 1575)	2025 (529 - 5213)	
		HEATING	W	1092 (247 - 1881)	1672 (526 - 1885)	
COOLING EER		W/W		3.10	3.04	
HEATING COP		W/W		3.49	3.15	
COOLING ONLY MODEL		INDOOR UNIT	M5CMX015E	M5CMX020E	M5CMX025E	
		OUTDOOR UNIT	M5LCX015C	M5LCX020C	M5LCX025C	
NOMINAL COOLING CAPACITY		W	3520 (812 - 4396)	5275 (1465 - 5862)	6155 (1465 - 6741)	
		Btu/h	12000 (2772 - 15000)	18000 (5000 - 20000)	21000 (5000 - 23000)	
RATED POWER CONSUMPTION (MIN - MAX)		W	1135 (258 - 1575)	1673 (526 - 1885)	2025 (529 - 5213)	
COOLING EER		W/W		3.10	3.04	
POWER SUPPLY		( V / Ph / Hz )		220 - 240 / 1 / 50		
AIR FLOW		cfm (L/s)	508 (240)	520 (245)	580 (274)	
SOUND LEVEL		dBA	41	43	46	
UNIT WEIGHT		kg	26	15		
UNIT DIMENSION		HEIGHT	mm/in	218 / 8.6		
		WIDTH	mm/in	1080 / 42.5		
		DEPTH	mm/in	630 / 24.8		
COMPRESSOR TYPE			DC INVERTER ROTARY	DC INVERTER e-SCROLL		
REFRIGERANT			R410A ZERO OZONE DEPLETION POTENTIAL			
WEIGHT		kg	38	50		
SOUND LEVEL		dBA	48	53	56	
UNIT DIMENSION		HEIGHT	mm/in	540 / 21.3		
		WIDTH	mm/in	700 (+70) / 27.6 (+2.8)		
		DEPTH	mm/in	250 / 9.8		
PIPE CONNECTION		TYPE		FLARE		
PIPE CONNECTION		LIQUID	mm/in	6.35 / 1/4	6.35 / 1/4	
		GAS	mm/in	12.7 / 1/2	12.7 / 1/2	
				15.8 / 5/8		

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

b) HEATING - 20°C DB INDOOR AND 7°C DB / 6°C WB OUTDOOR