



Inverter X-Series



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A Global Leader in System Solutions for Air Conditioning, Heating, Ventilating and Refrigeration.



Engineered for flexibility and performance.™

Global Distribution Network

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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 possible and ensure that we build our products with reduced 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.
- All models in the series use new R-410A refrigerant, which does not damage the ozone layer, in contrast to the conventional R-22.
- Selection between high-performance single splits (up to 6.45 kW / 22,000 Btu/h) or space-saving multi-splits (up to 8.21 kW / 28,000 Btu/h).

Inverter DX Systems



*R-410 Characteristics

The Ozone Depletion Potential (O.D.P.) for R-410A is zero. However, it is a green house gas whose Global Warming Potential (G.W.P.) is similar to the high G.W.P. for R-22. McQuay is working to develop next-generation refrigerants and the products that will use them.

Refrigerant	ODP*1	GWP*2	Efficiency	Flammability	Toxicity
R-22	0.05	1,700	High	Non-flammable	Low
R-410A	0	1,950			

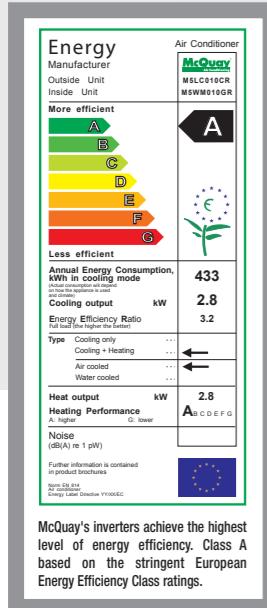
*1: Ozone Depletion Potential

*2: Global Warming Potential (IPCC2001)



Cozy & Comfort Environment

The sole purpose of an air-conditioning system is to provide a conducive environment for you to concentrate on work, relaxation as well as leisure activities.



Better Energy Saving

Better Energy Efficiency is achieved through combination of improved efficiency compressor and intelligent electronic controls.



Improved Efficiency Compressor

Using inverter technology, higher level of compressor-control precision is achieved to ensure better regulation of refrigerant flow. This leads to better energy-efficiency ratios (EER) compared to conventional products.

Inverter DC Twin Rotary Compressor

The rollers phases are staggered 180° apart. With this design, centrifugal forces generated by one roller is counterbalanced by the force of the other roller. Furthermore compressor's operation is improved by the independent operation of the cylinders, leading to greater efficiency and much lower vibration.



Twin Rotary:
Centrifugal force of one roller counterbalanced by that of the other roller for significantly lower vibration.



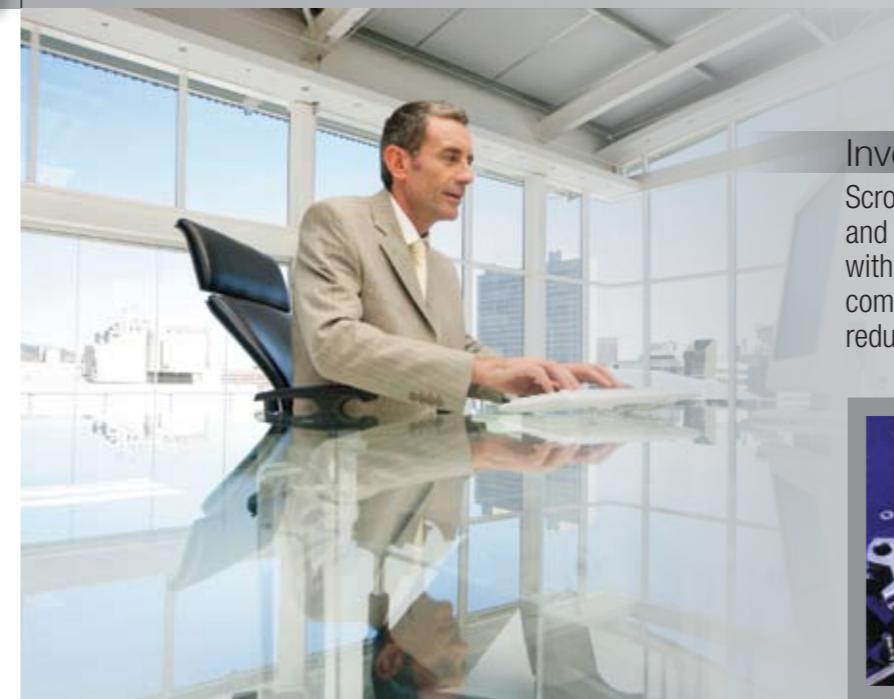
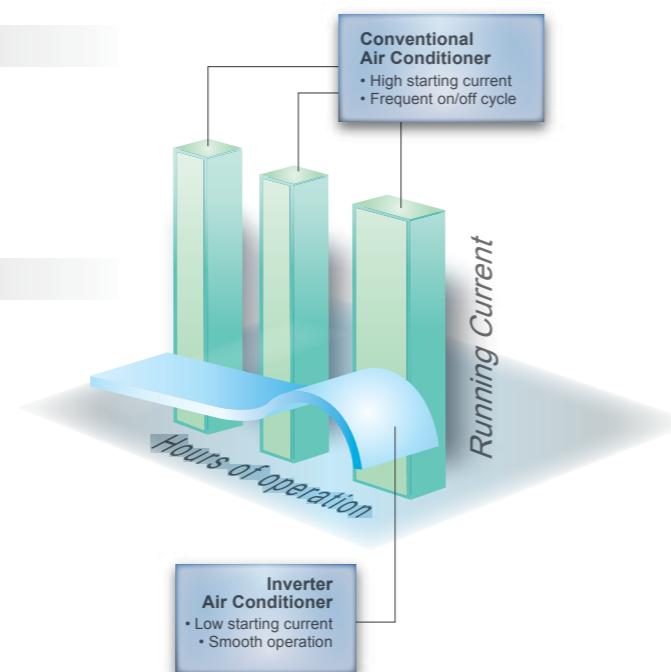
Inverter Series Product Features

Low Starting Current

Taking advantage of the ability to modulate the compressor speed, inverters are designed to operate with "soft start" feature. The compressor motor does not require a high current during start up.

Optimized Running Speed

The inverter compressor is programmed to run at the optimum speed all the time. Compressor speed is controlled by input frequency that varies according to the room load requirements. Once required temperature is reached, the input power supply to the compressor will be drastically reduced and less energy is required for operation. There is significantly less start-stop operation of the compressor.



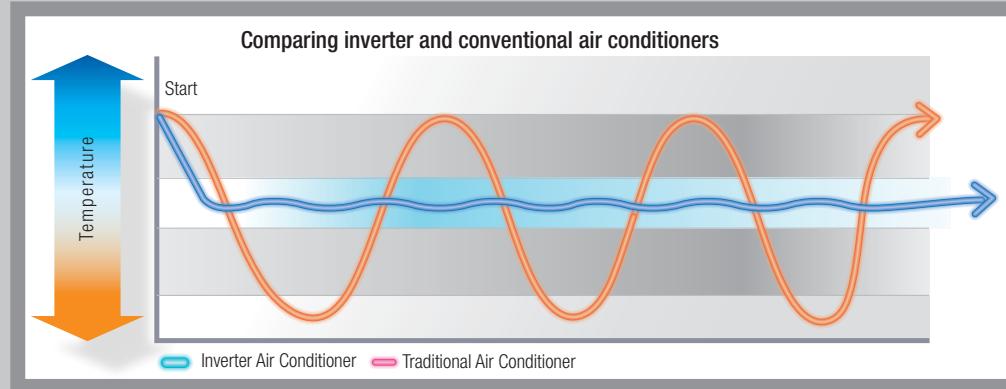
Inverter DC Scroll Compressor

Scroll compressors use latest engineering advances and optimized flow dynamics to compress refrigerant with high efficiency and reliability. Inverter scroll compressors further improves efficiency with huge reductions in motor losses.



Stable Temperature Control

Inverters offer a comfortable environment by maintaining a band of constant temperature. Simply, temperature fluctuation is reduced to an imperceptible 1 degrees Celsius By using a unique control algorithm, temperature and humidity levels are kept constant throughout operation, thereby reaching unprecedeted levels of comfort.



Rapid Cooling/Heating

During the unit's start up, inverters takes a shorter period to achieve the set room temperature compared to conventional systems. During the initial 20 minutes of operation, compressor runs at maximum rotation to reach desired temperature. Subsequently, the rotation is adjusted based on load. Together with turbo fan speed mode, this ensures minimum waiting time to reach your comfort level.



Better Space Utilization

Whenever installation space is a concern, inverter multi-split series is the alternative solution. This outdoor unit is designed with the capability of coupling up to 4 indoor units. There is less concerns huge amount of space taken up by multiple outdoor units.

Long-Term Reliability

Lower Total Cost of Ownership

Compressor rotation speed is steadily ramp up or down based on load requirement throughout the operation. There is significantly reduced start-stop cycle. This control method smoothens the compressor motor operation. It drastically reduces the wear and tear of the motor and increases compressor lifespan. Total cost of ownership over the long run is expected to be much lower compared to non-inverter systems.

Double Protection Mechanism

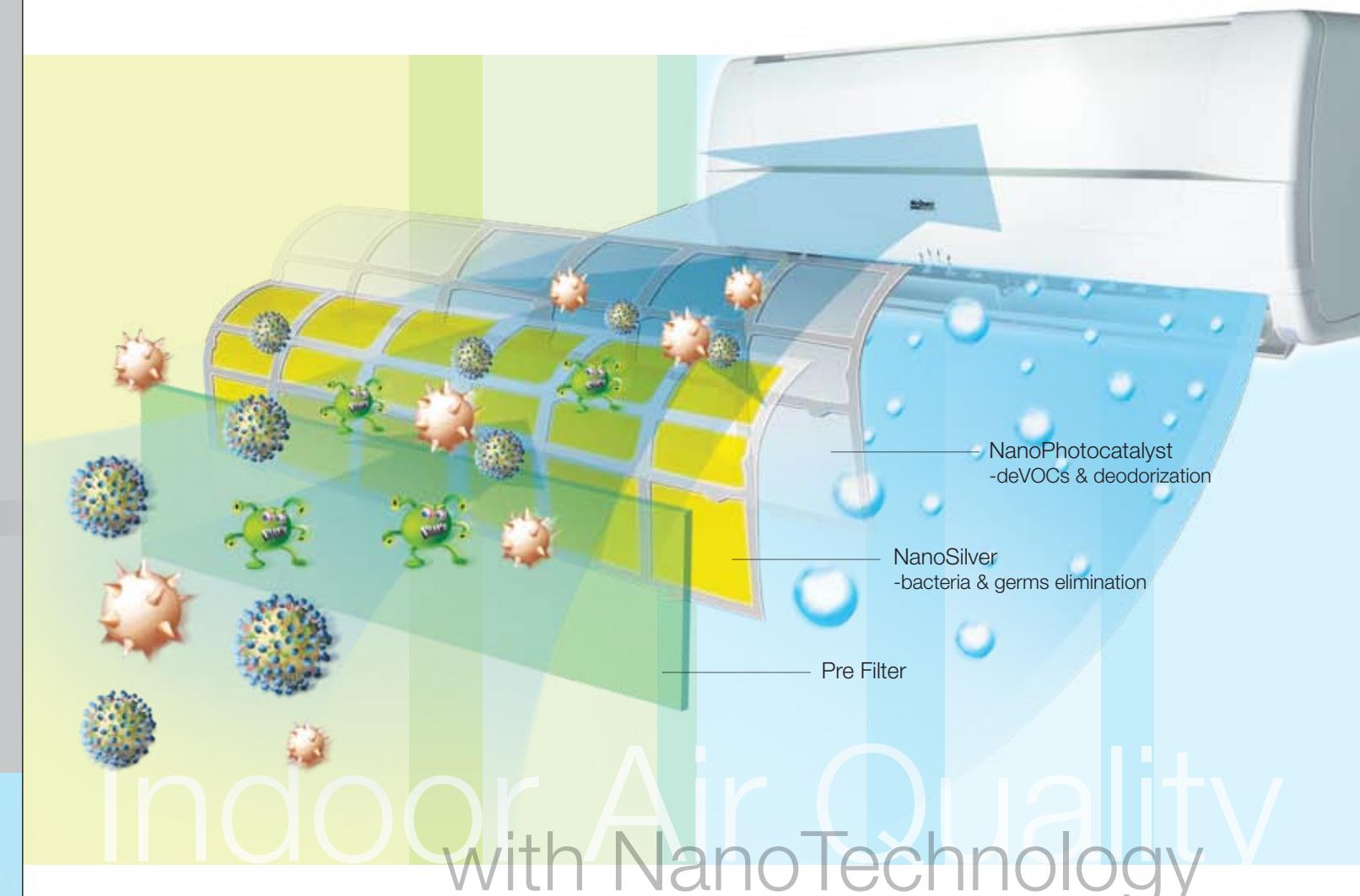
Inverter compressors are also protected from over-temperature and over-current. Whenever compressor discharge temperature or running current is too high, compressor rotational speed is reduced and stopped if critical point is reached.

Built-in Self Diagnosis

With built-in self diagnosis, Faults occurring in the air conditioning systems will be detected and informed through both the indoor and outdoor units. This will make servicing and troubleshooting easier.



The MWMX-G series is being incorporated with various indoor air quality features that improves the air quality in the conditioned area and thus offering a healthier living environment.



McQuay is focused on developing new and exciting products to improve everyday living environment of the 21st century. The all-new NanoGuard combines powerful sterilizing and deodorizing effect of NanoSilver and Nano-Photocatalyst.

Silver is used from the days of Hippocrates (Father of Medicine) as a healing agent and its use has been expanded into anti-bacterial applications ever since. Modern nanotechnology provides through full - infusion onto the filters and larger coated surface area.

Negative Ion Generator (Standard)

The Ion Generator releases a shower of negative ions to create a refreshing and cleaner environment.



SINGLE SPLIT DC INVERTER

WALL-MOUNTED G-SERIES		INDOOR UNIT	M5WMX010GR	M5WMX015GR	M5WMX020GR	M5WMX025GR
HEAT PUMP MODEL		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	3.21	3.23	3.09	
HEATING COP	W/W	3.62	3.61	3.41	3.20	
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	3.21	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		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	
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	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	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	261 / 10.3
		WIDTH	mm/in	765 / 30.1	1065 / 41.9	1200 / 47.2
		DEPTH	mm/in	411 / 16.2	411 / 16.2	411 / 16.2
CEILING-CASSETTE C-SERIES		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		
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

4) SOUND PRESSURE LEVELS ARE MEASURED IN AN ANECHOIC CHAMBER



SINGLE SPLIT DC INVERTER

CEILING-CASSETTE A-SERIES	HEAT PUMP MODEL	INDOOR UNIT		--	M5CKX020AR	M5CKX025AR
		OUTDOOR UNIT		--	M5LCX020CR	M5LCX025CR
	NOMINAL COOLING CAPACITY		W	5273 (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)	
			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)		
CEILING-CONVERTIBLE E-SERIES	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	COOLING	W	1135 (258 - 1575)	1673 (526 - 1885)	2025 (529 - 5213)
		HEATING	W	1092 (247 - 1881)	1672 (526 - 1885)	2047 (529 - 5213)
	COOLING EER		W/W	3.10	3.15	3.04
	HEATING COP		W/W	3.49	3.33	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	3.15	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		
OUTDOOR CONDENSING C-SERIES	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	757 / 29.8	
		WIDTH	mm/in	700 (+70) / 27.6 (+2.8)	855 (+70) / 33.7 (+2.7)	
		DEPTH	mm/in	250 / 9.8	328 / 12.9	
	PIPE CONNECTION	TYPE		FLARE		
		SIZE	LIQUID	6.35 / 1/4	6.35 / 1/4	6.35 / 1/4
			GAS	12.7 / 1/2	12.7 / 1/2	15.8 / 5/8

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

4) SOUND PRESSURE LEVELS ARE MEASURED IN AN ANECHOIC CHAMBER

MULTI-SPLIT DC INVERTER

COOLING ONLY		OUTDOOR	M5MSX020A	M5MSX025A	M5MSX030A
		TYPE	1 - to - 2	1 - to - 3	1 - to - 4
RATED COOLING CAPACITY (MIN - MAX)		Btu/Hr	19000 (4500 - 21000)	22000 (4500 - 24000)	26000 (4500 - 29000)
		W	5570 (1320 - 6150)	6450 (1320 - 7030)	7620 (1320 - 8790)
RATED TOTAL POWER CONSUMPTION (MIN - MAX)		W	1500 (355 - 1870)	1814 (400 - 2201)	2354 (400 - 2815)
RATED EER		W/W	3.71	3.56	3.24
HEAT PUMP		OUTDOOR	M5MSX020AR	M5MSX025AR	M5MSX030AR
		TYPE	1 - to - 2	1 - to - 3	1 - to - 4
RATED HEATING CAPACITY (MIN - MAX)		Btu/Hr	21000 (4500 - 23000)	25000 (4500 - 26000)	28000 (4500 - 32000)
		W	6150 (1320 - 6740)	7327 (1320 - 7620)	8206 (1320 - 9380)
RATED TOTAL POWER CONSUMPTION (MIN - MAX)		W	1600 (350 - 1910)	1901 (400 - 2156)	2030 (400 - 2755)
HEATING COP		W/W	3.84	3.87	4.04
POWER SOURCE		V/Ph/Hz	220 - 240 / 1 / 50		
REFRIGERANT		TYPE	R410A (ZERO-OZONE DEPLETION POTENTIAL)		
DIMENSION	HEIGHT	mm/in	757 / 29.8		
	WIDTH	mm/in	940 / 37.0		
	DEPTH	mm/in	392 / 14.3		
WEIGHT		kg	50	60	60
SOUND LEVEL		dBA	51	53	53
PIPING	TYPE	-	FLARE		
	PIPE SIZE	DISCHARGE	mm/in	2 X (6.35 / 1/4)	3 X (6.35 / 1/4)
		SUCTION	mm/in	2 X (9.52 / 3/8)	3 X (9.52 / 3/8)
			4 X (6.35 / 1/4)		
			4 X (9.52 / 3/8)		

INDOOR WALL-MOUNTED G-SERIES			M5WMX010G(R)	M5WMX015G(R)	M5WMX020G(R)
AIR FLOW	HIGH	CFM	300	330	550
	LOW	CFM	200	210	370
SOUND LEVEL	HIGH	dBA	39	42	44
	MEDIUM	dBA	34	36	40
WEIGHT	LOW	dBA	28	29	35
		kg	9.4	9.4	15
UNIT DIMENSION	HEIGHT	mm/in	260 / 10.2	260 / 10.2	306 / 12.0
	WIDTH	mm/in	899 / 31.5	899 / 31.5	1062 / 41.8
	DEPTH	mm/in	198 / 7.8	198 / 7.8	220 / 8.7
INDOOR CEILING-CASSETTE C-SERIES			M5CKX010C(R)	M5CKX015C(R)	M5CKX020C(R)
AIR FLOW	HIGH	CFM	400	410	450
	LOW	CFM	370	360	410
SOUND LEVEL	HIGH	dBA	44	44	47
	MEDIUM	dBA	43	42	46
WEIGHT (UNIT + PANEL)	LOW	dBA	42	41	44
		kg	22 + 2	23 + 2	23 + 2
UNIT DIMENSION (UNIT + PANEL)	HEIGHT	mm/in	250 (295) / 9.8 (11.6)	250 (295) / 9.8 (11.6)	250 (295) / 9.8 (11.6)
	WIDTH	mm/in	570 (640) / 22.4 (25.2)	570 (640) / 22.4 (25.2)	570 (640) / 22.4 (25.2)
	DEPTH	mm/in	570 (640) / 22.4 (25.2)	570 (640) / 22.4 (25.2)	570 (640) / 22.4 (25.2)
INDOOR CEILING-CONCEALED C-SERIES			M5CCX010C(R)	M5CCX015C(R)	M5CCX020C(R)
AIR FLOW	HIGH	CFM	300	510	330
	LOW	CFM	220	360	293
SOUND LEVEL	HIGH	dBA	33	37	38
	MEDIUM	dBA	30	34	36
STATIC PRESSURE	LOW	dBA	26	29	34
	HIGH	Pa	49	49	64
WEIGHT	MEDIUM	Pa	39	39	58
	LOW	Pa	29	20	34
UNIT DIMENSION		kg	17	21	22
	HEIGHT	mm/in	261 / 10.28	261 / 10.28	261 / 10.28
	WIDTH	mm/in	765 / 30.12	765 / 30.12	1065 / 41.93
	DEPTH	mm/in	411 / 16.18	411 / 16.18	411 / 16.18
INDOOR CEILING-CONVERTIBLE E-SERIES			---	M5CMX015E(R)	M5CMX020E(R)
AIR FLOW	HIGH	CFM		508	520
	LOW	CFM		350	406
SOUND LEVEL	HIGH	dBA		48	48
	MEDIUM	dBA		43	46
WEIGHT	LOW	dBA		41	43
		kg		27	27
UNIT DIMENSION	HEIGHT	mm/in		218 / 8.6	218 / 8.6
	WIDTH	mm/in		1080 / 42.5	1080 / 42.5
	DEPTH	mm/in		630 / 24.8	630 / 24.8

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

4) SOUND PRESSURE LEVELS ARE MEASURED IN AN ANECHOIC CHAMBER



SPECIFICATIONS FOR M5MSX020-A/AR WITH M5WMX-G/GR

CONDITION	INDOOR OPERATING UNIT (5WMX-G/GR)	NOMINAL COOLING CAPACITY								INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR		TOTAL									
		A	B	BTU/h		kcal/h		KW					
		RATED	RATED	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)		
COOLING	010	9000	-	9000	(10000)	2268	(2520)	2.64	(2.93)	870	(960)		
	015	12000	-	12000	(13000)	3024	(3276)	3.52	(3.81)	1145	(1440)		
	010 + 010	9000	9000	18000	(21000)	4536	(5292)	5.28	(6.15)	1420	(1870)		
	010 + 015	9000	9500	18500	(21000)	4662	(5292)	5.42	(6.15)	1460	(1870)		
	015 + 015	9500	9500	19000	(21000)	4788	(5292)	5.57	(6.15)	1500	(1870)		
HEATING	010	11000	-	11000	(12000)	2772	(3024)	3.22	(3.52)	1040	(1135)		
	015	13000	-	13000	(15000)	3276	(3780)	3.81	(4.40)	1230	(1660)		
	010 + 010	10000	10000	20000	(23000)	5040	(5796)	5.86	(6.74)	1550	(1950)		
	010 + 015	10000	10500	20500	(23000)	5166	(5796)	6.01	(6.74)	1590	(1950)		
	015 + 015	10500	10500	21000	(23000)	5292	(5796)	6.15	(6.74)	1630	(1950)		

SPECIFICATIONS FOR M5MSX020-A/AR WITH M5CKX-C/CR

CONDITION	INDOOR OPERATING UNIT (5CKX-C/CR)	NOMINAL COOLING CAPACITY								INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR		TOTAL									
		A	B	BTU/h		kcal/h		KW					
		RATED	RATED	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)		
COOLING	010	9000	-	9000	(10000)	2268	(2520)	2.64	(2.93)	870	(960)		
	015	12000	-	12000	(13000)	3024	(3276)	3.52	(3.81)	1145	(1440)		
	010 + 010	9000	9000	18000	(21000)	4536	(5292)	5.28	(6.15)	1420	(1870)		
	010 + 015	9000	9500	18500	(21000)	4662	(5292)	5.42	(6.15)	1460	(1870)		
	015 + 015	9500	9500	19000	(21000)	4788	(5292)	5.57	(6.15)	1690	(1870)		
HEATING	010	11000	-	11000	(12000)	2772	(3024)	3.22	(3.52)	1040	(1135)		
	015	13000	-	13000	(15000)	3276	(3780)	3.81	(4.40)	1230	(1660)		
	010 + 010	10000	10000	20000	(23000)	5040	(5796)	5.86	(6.74)	1550	(1950)		
	010 + 015	10000	10500	20500	(23000)	5166	(5796)	6.01	(6.74)	1590	(1950)		
	015 + 015	10500	10500	21000	(23000)	5292	(5796)	6.15	(6.74)	1825	(1950)		

SPECIFICATIONS FOR M5MSX020-A/AR WITH M5CCX-C/CR

CONDITION	INDOOR OPERATING UNIT (5CCX-C/CR)	NOMINAL COOLING CAPACITY								INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR		TOTAL									
		A	B	BTU/h		kcal/h		KW					
		RATED	RATED	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)		
COOLING	010	9000	-	9000	(10000)	2268	(2520)	2.64	(2.93)	870	(960)		
	015	12000	-	12000	(13000)	3024	(3276)	3.52	(3.81)	1145	(1440)		
	010 + 010	9000	9000	18000	(21000)	4536	(5292)	5.28	(6.15)	1420	(1870)		
	010 + 015	9000	9500	18500	(21000)	4662	(5292)	5.42	(6.15)	1460	(1870)		
	015 + 015	9500	9500	19000	(21000)	4788	(5292)	5.57	(6.15)	1605	(1870)		
HEATING	010	11000	-	11000	(12000)	2772	(3024)	3.22	(3.52)	1040	(1135)		
	015	13000	-	13000	(15000)	3276	(3780)	3.81	(4.40)	1230	(1660)		
	010 + 010	10000	10000	20000	(23000)	5040	(5796)	5.86	(6.74)	1550	(1950)		
	010 + 015	10000	10500	20500	(23000)	5166	(5796)	6.01	(6.74)	1590	(1950)		
	015 + 015	10500	10500	21000	(23000)	5292	(5796)	6.15	(6.74)	1715	(1950)		

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

4) SOUND PRESSURE LEVELS ARE MEASURED IN AN ANECHOIC CHAMBER

SPECIFICATIONS FOR M5MSX025A/AR WITH M5WMX-G/GR

CONDITION	INDOOR OPERATING UNIT (5WMX-G/GR)	NOMINAL COOLING CAPACITY								INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR			TOTAL								
		A	B	C	BTU/h	kcal/h	KW						
RATED	RATED	RATED	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	
COOLING	010	9000	-	-	9000 (10000)	2268 (2520)	2.64 (2.93)	742 (952)	3.36 (4.31)				
	015	12000	-	-	12000 (13000)	3024 (3276)	3.52 (3.81)	989 (1238)	4.48 (5.61)				
	020	18000	-	-	18000 (20000)	4536 (5040)	5.28 (5.86)	1484 (1904)	6.72 (8.62)				
	010 + 010	9000	9000	-	18000 (20000)	4536 (5040)	5.28 (5.86)	1484 (1904)	6.72 (8.62)				
	010 + 015	9000	12000	-	21000 (23000)	5292 (5796)	6.15 (6.74)	1732 (2190)	7.84 (9.92)				
	010 + 020	7400	14600	-	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	015 + 015	11000	11000	-	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	015 + 020	8800	13200	-	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	010 + 010 + 010	7300	7300	7300	21900 (24000)	5519 (6048)	6.42 (7.03)	1814 (2285)	8.22 (10.35)				
	010 + 010 + 015	6600	6600	8800	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	010 + 010 + 020	5500	5500	11000	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	010 + 015 + 015	6020	7990	7990	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	010 + 015 + 020	5080	6750	10170	22000 (24000)	5544 (6048)	6.45 (7.03)	1814 (2285)	8.22 (10.35)				
	015 + 015 + 015	7350	7350	7350	22050 (24000)	5557 (6048)	6.46 (7.03)	1814 (2285)	8.22 (10.35)				
HEATING	010	11000	-	-	11000 (12000)	2772 (3024)	3.22 (3.52)	896 (1143)	4.06 (5.18)				
	015	13000	-	-	13000 (15000)	3276 (3780)	3.81 (4.40)	1058 (1428)	4.79 (6.47)				
	020	20000	-	-	20000 (22000)	5040 (5544)	5.86 (6.45)	1628 (2095)	7.37 (9.49)				
	010 + 010	11000	11000	-	22000 (23000)	5544 (5796)	6.45 (6.74)	1791 (2190)	8.11 (9.92)				
	010 + 015	11000	13000	-	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	010 + 020	8000	16000	-	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	015 + 015	12000	12000	-	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	015 + 020	9600	14400	-	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	010 + 010 + 010	8000	8000	8000	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	010 + 010 + 015	7200	7200	9600	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	010 + 010 + 020	6000	6000	12000	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	010 + 015 + 015	6520	8740	8740	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	010 + 015 + 020	4580	6100	13320	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				
	015 + 015 + 015	8000	8000	8000	24000 (26000)	6048 (6552)	7.03 (7.62)	1954 (2476)	8.85 (11.21)				

SPECIFICATIONS FOR M5MSX025A/AR WITH M5CKX-C/CR

CONDITION	INDOOR OPERATING UNIT (5CKX-C/CR)	NOMINAL COOLING CAPACITY								INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR			TOTAL								
		A	B	C	BTU/h	kcal/h	KW						
RATED	RATED	RATED	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	RATED	(MAX)	
COOLING	010	9000	-	-	9000 (10000)	2268 (2520)	2.64 (2.93)	900 (952)	4.08 (4.31)				
	015	12000	-	-	12000 (13000)	3024 (3276)	3.52 (3.81)	1200 (1238)	5.43 (5.61)				
	020	18000	-	-	18000 (20000)	4536 (5040)	5.28 (5.86)	1800 (1904)	8.15 (8.62)				
	010 + 010	9000	9000	-	18000 (20000)	4536 (5040)	5.28 (5.86)	1800 (1904)	8.15 (8.62)				
	010 + 015	9000	12000	-	21000 (23000)	5292 (5796)	6.15 (6.74)	2100 (2190)	9.51 (9.92)				
	010 + 020	7400	14600	-	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	015 + 015	11000	11000	-	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	015 + 020	8800	13200	-	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	010 + 010 + 010	7300	7300	7300	21900 (24000)	5519 (6048)	6.42 (7.03)	2200 (2285)	9.96 (10.35)				
	010 + 010 + 015	6600	6600	8800	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	010 + 010 + 020	5500	5500	11000	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	010 + 015 + 015	6020	7990	7990	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	010 + 015 + 020	5080	6750	10170	22000 (24000)	5544 (6048)	6.45 (7.03)	2200 (2285)	9.96 (10.35)				
	015 + 015 + 015	7350	7350	7350	22050 (24000)	5557 (6048)	6.46 (7.03)	2200 (2285)	9.96 (10.35)				
HEATING	010	11000	-	-	11000 (12000)	2772 (3024)	3.22 (3.52)	985 (1143)	4.46 (5.18)				
	015	13000	-	-	13000 (15000)	3276 (3780)	3.81 (4.40)	1165 (1428)	5.27 (6.47)				
	020	20000	-	-	20000 (22000)	5040 (5544)	5.86 (6.45)	1792 (2095)	8.11 (9.49)				
	010 + 010	11000	11000	-	22000 (23000)	5544 (5796)	6.45 (6.74)	1971 (2190)	8.93 (9.92)				
	010 + 015	11000	13000	-	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	010 + 020	8000	16000	-	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	015 + 015	12000	12000	-	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	015 + 020	9600	14400	-	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	010 + 010 + 010	8000	8000	8000	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	010 + 010 + 015	7200	7200	9600	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	010 + 010 + 020	6000	6000	12000	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	010 + 015 + 015	6520	8740	8740	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	010 + 015 + 020	4580	6100	13320	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				
	015 + 015 + 015	8000	8000	8000	24000 (26000)	6048 (6552)	7.03 (7.62)	2150 (2476)	9.74 (11.21)				

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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

4) SOUND PRESSURE LEVELS ARE MEASURED IN AN ANECHOIC CHAMBER

SPECIFICATIONS FOR M5MSX025A/AR WITH M5CCX-C/CR

CONDITION	INDOOR OPERATING UNIT (5CCX-C/CR)	NOMINAL COOLING CAPACITY										INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR			TOTAL				INPUT POWER (W)	RUNNING CURRENT (A)					
		A	B	C	RATED	BTU/h	(MAX)	RATED	(MAX)	RATED	(MAX)				
COOLING	010	9000	-	-	9000	(10000)	2268	(2520)	2.64	(2.93)	867	(952)	3.93 (4.31)		
	015	12000	-	-	12000	(13000)	3024	(3276)	3.52	(3.81)	1156	(1238)	5.24 (5.61)		
	020	18000	-	-	18000	(20000)	4536	(5040)	5.28	(5.86)	1735	(1904)	7.86 (8.62)		
	010 + 010	9000	9000	-	18000	(20000)	4536	(5040)	5.28	(5.86)	1735	(1904)	7.86 (8.62)		
	010 + 015	9000	12000	-	21000	(23000)	5292	(5796)	6.15	(6.74)	2024	(2190)	9.17 (9.92)		
	010 + 020	7400	14600	-	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	015 + 015	11000	11000	-	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	015 + 020	8800	13200	-	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	010 + 010 + 010	7300	7300	7300	21900	(24000)	5519	(6048)	6.42	(7.03)	2120	(2285)	9.60 (10.35)		
	010 + 010 + 015	6600	6600	8800	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	010 + 010 + 020	5500	5500	11000	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	010 + 015 + 015	6020	7990	7990	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	010 + 015 + 020	5080	6750	10170	22000	(24000)	5544	(6048)	6.45	(7.03)	2120	(2285)	9.60 (10.35)		
	015 + 015 + 015	7350	7350	7350	22050	(24000)	5557	(6048)	6.46	(7.03)	2120	(2285)	9.60 (10.35)		
HEATING	010	11000	-	-	11000	(12000)	2772	(3024)	3.22	(3.52)	935	(1143)	4.23 (5.18)		
	015	13000	-	-	13000	(15000)	3276	(3780)	3.81	(4.40)	1105	(1428)	5.00 (6.47)		
	020	20000	-	-	20000	(22000)	5040	(5544)	5.86	(6.45)	1700	(2095)	7.70 (9.49)		
	010 + 010	11000	11000	-	22000	(23000)	5544	(5796)	6.45	(6.74)	1870	(2190)	8.47 (9.92)		
	010 + 015	11000	13000	-	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	010 + 020	8000	16000	-	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	015 + 015	12000	12000	-	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	015 + 020	9600	14400	-	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	010 + 010 + 010	8000	8000	8000	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	010 + 010 + 015	7200	7200	9600	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	010 + 010 + 020	6000	6000	12000	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	010 + 015 + 015	6520	8740	8740	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	010 + 015 + 020	4580	6100	13320	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		
	015 + 015 + 015	8000	8000	8000	24000	(26000)	6048	(6552)	7.03	(7.62)	2040	(2476)	9.24 (11.21)		

SPECIFICATIONS FOR M5MSX030A/AR WITH M5WMX-G/GR

CONDITION	INDOOR OPERATING UNIT (5WMX-G/GR)	NOMINAL COOLING CAPACITY										INPUT POWER (W)	RUNNING CURRENT (A)	
		INDIVIDUAL INDOOR				TOTAL				INPUT POWER (W)	RUNNING CURRENT (A)			
		A	B	C	C	RATED	BTU/h	(MAX)	RATED	(MAX)	KW	RATED	(MAX)	
COOLING	010	9500	-	-	-	9500	(10800)	2394	(2722)	2.78	(3.17)	860	(1065)	3.90 (4.82)
	015	12000	-	-	-	12000	(14400)	3024	(3629)	3.52	(4.22)	1086	(1420)	4.92 (6.43)
	020	18000	-	-	-	18000	(18500)	4536	(4662)	5.28	(5.42)	1630	(1824)	7.38 (8.26)
	010 + 010	9000	9000	-	-	18000	(20000)	4536	(5040)	5.28	(5.86)	1630	(1972)	7.38 (8.93)
	010 + 015	9000	12000	-	-	21000	(23000)	5292	(5796)	6.15	(6.74)	1901	(2268)	8.61 (10.27)
	010 + 020	8300	12500	-	-	20800	(24000)	5242	(6048)	6.10	(7.03)	1883	(2367)	8.53 (10.72)
	015 + 015	10500	10500	-	-	21000	(24000)	5292	(6048)	6.15	(7.03)	1901	(2367)	8.61 (10.72)
	015 + 020	9300	11700	-	-	21000	(24000)	5292	(6048)	6.15	(7.03)	1901	(2367)	8.61 (10.72)
	010 + 010 + 010	7830	7830	7830	-	23490	(29000)	5919	(7308)	6.88	(8.50)	2127	(2860)	9.63 (12.95)
	010 + 010 + 015	7500	7500	8500	-	23500	(29000)	5922	(7308)	6.89	(8.50)	2128	(2860)	9.64 (12.95)
	010 + 010 + 020	7150	7150	10200	-	24500	(29000)	6174	(7308)	7.18	(8.50)	2218	(2860)	10.05 (12.95)
	010 + 015 + 015	7500	8500	8500	-	24500	(29000)	6174	(7308)	7.18	(8.50)	2218	(2860)	10.05 (12.95)
	010 + 015 + 020	6600	8500	9400	-	24500	(29000)	6174	(7308)	7.18	(8.50)	2218	(2860)	10.05 (12.95)
	015 + 015 + 015	8166	8166	8166	-	24498	(29000)	6173	(7308)	7.18	(8.50)	2218	(2860)	10.05 (12.95)
	010 + 010 + 010 + 010	6500	6500	6500	6500	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
	010 + 010 + 010 + 015	6000	6000	6000	8000	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
	010 + 010 + 010 + 020	5100	5100	10700	-	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
	010 + 010 + 015 + 015	5300	5300	7700	7700	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
	010 + 010 + 015 + 020	5000	5000	6700	9300	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
	010 + 015 + 015 + 015	5000	7000	7000	7000	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
	015 + 015 + 015 + 015	6500	6500	6500	6500	26000	(29000)	6552	(7308)	7.62	(8.50)	2354	(2860)	10.66 (12.95)
HEATING	010	11000	-	-	-	11000	(13200)	2772	(3326)	3.22	(3.87)	1097	(1258)	4.97 (5.70)
	015	14000	-	-	-	14000	(16800)	3528	(4234)	4.10	(4.92)	1396	(1601)	6.32 (7.25)
	020	20000	-	-	-	20000	(22800)	5040	(5746)	5.86	(6.68)	1994	(2173)	9.03 (9.84)
	010 + 010	11000	11000	-	-	22000	(23000)	5544	(5796)	6.45	(6.74)	2194	(2192)	9.94 (9.93)
	010 + 015	11000	13000	-	-	24000	(26000)	6048	(6552)	7.03	(7.62)	2393	(2478)	10.84 (11.22)
	010 + 020	9500	15000	-	-	24500	(32000)	6174	(8064)	7.18	(9.38)	2443	(3050)	11.06 (13.81)
	015 + 015	12250	12250	-	-	24500	(32000)	6174	(7056)	7.18	(8.21)	2443	(2669)	11.06 (12.09)
	015 + 020	10500	14000	-	-	24500	(32000)	6174	(8064)	7.18	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 010 + 010	8500	8500	8500	-	25500	(32000)	6426	(8064)	7.47	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 010 + 015	8000	8000	9500	-	25500	(32000)	6426	(8064)	7.47	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 010 + 020	6500	6500	12500	-	25500	(32000)	6426	(8064)	7.47	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 015 + 015 + 015	7000	9250	9250	-	25500	(32000)	6426	(8064)	7.47	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 015 + 020	6000	8000	11500	-	25500	(32000)	6426	(8064)	7.47	(9.38)	2443	(3050)	11.06 (13.81)
	015 + 015 + 015 + 015	8500	8500	8500	-	25500	(32000)	6426	(8064)	7.47	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 010 + 010 + 010	7000	7000	7000	7000	28000	(32000)	7056	(8064)	8.21	(9.38)	2443	(3050)	11.06 (13.81)
	010 + 010 + 010 + 015	6500	6500	8500	8500	28000</td								

SPECIFICATIONS FOR M5MSX030A/AR WITH M5CKX-C/CR

CONDITION	INDOOR OPERATING UNIT (5CKX-C/CR)	NOMINAL COOLING CAPACITY										INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR				TOTAL									
		A RATED	B RATED	C RATED	C RATED	BTU/h (MAX)	RATED (MAX)	kcal/h (MAX)	KW RATED (MAX)	RATED (MAX)	RATED (MAX)				
COOLING	010	9500	-	-	-	9500 (10800)	2394 (2722)	2.78 (3.17)	860 (1065)	3.90 (4.82)					
	015	12000	-	-	-	12000 (14400)	3024 (3629)	3.52 (4.22)	1086 (1420)	4.92 (6.43)					
	020	18000	-	-	-	18000 (18500)	4536 (4662)	5.28 (5.42)	1630 (1824)	7.38 (8.26)					
	010 + 010	9000	9000	-	-	18000 (20000)	4536 (5040)	5.28 (5.86)	1630 (1972)	7.38 (8.93)					
	010 + 015	9000	12000	-	-	21000 (23000)	5292 (5796)	6.15 (6.74)	1901 (2268)	8.61 (10.27)					
	010 + 020	8300	12500	-	-	20800 (24000)	5242 (6048)	6.10 (7.03)	1883 (2367)	8.53 (10.72)					
	015 + 015	10500	10500	-	-	21000 (24000)	5292 (6048)	6.15 (7.03)	1901 (2367)	8.61 (10.72)					
	015 + 020	9300	11700	-	-	21000 (24000)	5292 (6048)	6.15 (7.03)	1901 (2367)	8.61 (10.72)					
	010 + 010 + 010	7830	7830	7830	-	23490 (29000)	5919 (7308)	6.88 (8.50)	2127 (2860)	9.63 (12.95)					
	010 + 010 + 015	7500	7500	8500	-	23500 (29000)	5922 (7308)	6.89 (8.50)	2128 (2860)	9.64 (12.95)					
	010 + 010 + 020	7150	7150	10200	-	24500 (29000)	6174 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	010 + 015 + 015	7500	8500	8500	-	24500 (29000)	6174 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	010 + 015 + 020	6600	8500	9400	-	24500 (29000)	6174 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	015 + 015 + 015	8166	8166	8166	-	24498 (29000)	6173 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	010 + 010 + 010 + 010	6500	6500	6500	6500	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
	010 + 010 + 010 + 015	6000	6000	8000	8000	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
	010 + 010 + 010 + 020	5100	5100	5100	10700	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
	010 + 010 + 015 + 015	5300	5300	7700	7700	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
	010 + 010 + 015 + 020	5000	5000	6700	9300	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
	010 + 015 + 015 + 015	5000	7000	7000	7000	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
	015 + 015 + 015 + 015	6500	6500	6500	6500	26000 (29000)	6552 (7308)	7.62 (8.50)	2750 (2860)	12.45 (12.95)					
HEATING	010	11000	-	-	-	11000 (13200)	2772 (3326)	3.22 (3.87)	1097 (1258)	4.97 (5.70)					
	015	14000	-	-	-	14000 (16800)	3528 (4234)	4.10 (4.92)	1396 (1601)	6.32 (7.25)					
	020	20000	-	-	-	20000 (22800)	5040 (5746)	5.86 (6.68)	1994 (2173)	9.03 (9.84)					
	010 + 010	11000	11000	-	-	22000 (23000)	5544 (5796)	6.45 (6.74)	2194 (2192)	9.94 (9.93)					
	010 + 015	11000	13000	-	-	24000 (26000)	6048 (6552)	7.03 (7.62)	2393 (2478)	10.84 (11.22)					
	010 + 020	9500	15000	-	-	24500 (32000)	6174 (8064)	7.18 (9.38)	2443 (3050)	11.06 (13.81)					
	015 + 015	12250	12250	-	-	24500 (28000)	6174 (7056)	7.18 (8.21)	2443 (2669)	11.06 (12.09)					
	015 + 020	10500	14000	-	-	24500 (32000)	6174 (8064)	7.18 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 010	8500	8500	8500	-	25500 (32000)	6426 (8064)	7.47 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 015	8000	8000	9500	-	25500 (32000)	6426 (8064)	7.47 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 020	6500	6500	12500	-	25500 (32000)	6426 (8064)	7.47 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 015 + 015	7000	9250	9250	-	25500 (32000)	6426 (8064)	7.47 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 015 + 020	6000	8000	11500	-	25500 (32000)	6426 (8064)	7.47 (9.38)	2640 (3050)	11.96 (13.81)					
	015 + 015 + 015	8500	8500	8500	-	25500 (32000)	6426 (8064)	7.47 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 010 + 010	7000	7000	7000	7000	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 010 + 015	6500	6500	6500	8500	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 010 + 020	5600	5600	5600	11200	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 015 + 015	5500	8000	8500	8500	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 010 + 015 + 020	5400	5400	6200	11000	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					
	010 + 015 + 015 + 015	6025	7325	7325	7325	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					
	015 + 015 + 015 + 015	7000	7000	7000	7000	28000 (32000)	7056 (8064)	8.21 (9.38)	2640 (3050)	11.96 (13.81)					

SPECIFICATIONS FOR M5MSX030A/AR WITH M5CCX-C/CR

CONDITION	INDOOR OPERATING UNIT (5CCX-C/CR)	NOMINAL COOLING CAPACITY										INPUT POWER (W)	RUNNING CURRENT (A)		
		INDIVIDUAL INDOOR				TOTAL									
		A RATED	B RATED	C RATED	C RATED	BTU/h (MAX)	RATED (MAX)	kcal/h (MAX)	KW RATED (MAX)	RATED (MAX)	RATED (MAX)				
COOLING	010	9500	-	-	-	9500 (10800)	2394 (2722)	2.78 (3.17)	860 (1065)	3.90 (4.82)					
	015	12000	-	-	-	12000 (14400)	3024 (3629)	3.52 (4.22)	1086 (1420)	4.92 (6.43)					
	020	18000	-	-	-	18000 (18500)	4536 (4662)	5.28 (5.42)	1630 (1824)	7.38 (8.26)					
	010 + 010	9000	9000	-	-	18000 (20000)	4536 (5040)	5.28 (5.86)	1630 (1972)	7.38 (8.93)					
	010 + 015	9000	12000	-	-	21000 (23000)	5292 (5796)	6.15 (6.74)	1901 (2268)	8.61 (10.27)					
	010 + 020	8300	12500	-	-	20800 (24000)	5242 (6048)	6.10 (7.03)	1883 (2367)	8.53 (10.72)					
	015 + 015	10500	10500	-	-	21000 (24000)	5292 (6048)	6.15 (7.03)	1901 (2367)	8.61 (10.72)					
	015 + 020	9300	11700	-	-	21000 (24000)	5292 (6048)	6.15 (7.03)	1901 (2367)	8.61 (10.72)					
	010 + 010 + 010	7830	7830	7830	-	23490 (29000)	5919 (7308)	6.88 (8.50)	2127 (2860)	9.63 (12.95)					
	010 + 010 + 015	7500	7500	8500	-	23500 (29000)	5922 (7308)	6.89 (8.50)	2128 (2860)	9.64 (12.95)					
	010 + 010 + 020	7150	7150	10200	-	24500 (29000)	6174 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	010 + 015 + 015	7500	8500	8500	-	24500 (29000)	6174 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	010 + 015 + 020	6600	8500	9400	-	24500 (29000)	6174 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	015 + 015 + 015	8166	8166	8166	-	24498 (29000)	6173 (7308)	7.18 (8.50)	2218 (2860)	10.05 (12.95)					
	010 + 010 + 010 + 010	6500	6500	6500	6500	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
	010 + 010 + 010 + 015	6000	6000	6000	8000	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
	010 + 010 + 010 + 020	5100	5100	5100	10700	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
	010 + 010 + 015 + 015	5300	5300	7700	7700	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
	010 + 010 + 015 + 020	5000	5000	6700	9300	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
	010 + 015 + 015 + 015	5000	7000	7000	7000	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
	015 + 015 + 015 + 015	6500	6500	6500	6500	26000 (29000)	6552 (7308)	7.62 (8.50)	2670 (2860)	12.09 (12.95)					
HE															