

## General Data - MCC-CW

MODEL			MCC010CW	MCC015CW
NOMINAL TOTAL COOLING CAPACITY	Btu/h		9900	11600
	W		2900	3400
NOMINAL SENSIBLE COOLING CAPACITY	Btu/h		7000	10600
	W		2050	3100
NOMINAL TOTAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)	Btu/h		11500	15000
	W		3370	4400
NOMINAL AIR FLOW	HIGH	l/s / CFM	142 / 300	241 / 510
	MEDIUM	l/s / CFM	123 / 260	208 / 440
	LOW	l/s / CFM	104 / 220	170 / 360
EXTERNAL STATIC (H/M/L)		mmAq	5 / 4 / 3	5 / 4 / 2
UNIT DIMENSION	HEIGHT	mm/in	261 / 10.3	261 / 10.3
	WIDTH	mm/in	765 / 30.1	905 / 35.6
	DEPTH	mm/in	411 / 16.2	411 / 16.2
PACKING DIMENSION	HEIGHT	mm/in	376 / 14.8	376 / 14.8
	WIDTH	mm/in	951 / 37.4	1090 / 42.9
	DEPTH	mm/in	541 / 21.3	541 / 21.3
UNIT WEIGHT		kg/lb	17 / 37.5	21 / 46.3
SOUND PRESSURE LEVEL ( H/M/L )		dBA	33 / 30 / 26	37 / 34 / 29
NOMINAL WATER FLOW RATE	USGPM		2.20	2.55
	LITRES/M		8.33	9.65
HEAD LOSS (COOLING)		kPa / psi	11 / 1.5	24 / 3.5
HEAD LOSS (HEATING) : 50°C		kPa / psi	9 / 1.3	20 / 2.9
MAX. WORKING PRESSURE		kPa / psi	1608 / 233	
SURFACE AIR VELOCITY	m/s		1.29	1.73
	ft/min		254.4	339.8
CONNECTION			3/4" BSP FEMALE ADAPTOR	
CONTROL	AIR DISCHARGE		DUCTED	
	OPERATION		SLM WIRED HANDSET	
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4	

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

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 & ISO13253.

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

a) COOLING - ENTERING AIR TEMP. : 27°C (80.6°F) DB / 19°C (66.2°F) WB, ENTERING WATER TEMP. : 7°C (44.6°F), LEAVING WATER TEMP. : 12°C (53.6°F)

b) HEATING - ENTERING AIR TEMP.: 20°C (68°F) DB, ENTERING WATER TEMP. : 50°C (122°F), WATER FLOW RATE BASED ON COOLING CYCLE.

4) SOUND PRESSURE LEVEL ARE ACCORDING TO GB STD - GB/D17758. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW THE CENTRE OF THE UNIT. TESTED WITH 2m LENGTH DUCT AT THE AIR DISCHARGE OUTLET AND AIR RETURN INLET.

## General Data - MCC-CW

MODEL			MCC020CW	MCC025CW
NOMINAL TOTAL COOLING CAPACITY		Btu/h	18000	22500
		W	5280	6590
NOMINAL SENSIBLE COOLING CAPACITY		Btu/h	12600	15800
		W	3690	4620
NOMINAL TOTAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)		Btu/h	23000	29000
		W	6740	8500
NOMINAL AIR FLOW	HIGH	l/s / CFM	330 / 700	344 / 730
	MEDIUM	l/s / CFM	321 / 680	340 / 720
	LOW	l/s / CFM	293 / 620	274 / 580
EXTERNAL STATIC (H/M/L)		mmAq	7 / 6 / 3	6 / 4 / 3
UNIT DIMENSION	HEIGHT	mm/in	261 / 10.3	261 / 10.3
	WIDTH	mm/in	1065 / 41.9	1200 / 47.2
	DEPTH	mm/in	411 / 16.2	411 / 16.2
PACKING DIMENSION	HEIGHT	mm/in	376 / 14.8	376 / 14.8
	WIDTH	mm/in	1251 / 49.3	1386 / 54.6
	DEPTH	mm/in	541 / 21.3	541 / 21.3
UNIT WEIGHT		kg/lb	22 / 48.5	25 / 55.1
SOUND PRESSURE LEVEL ( H/M/L )		dBA	38 / 36 / 34	40 / 39 / 36
NOMINAL WATER FLOW RATE		USGPM	4.00	4.98
		LITRES/M	15.14	18.85
HEAD LOSS (COOLING)		kPa / psi	20 / 2.9	32 / 4.7
HEAD LOSS (HEATING) : 50°C		kPa / psi	17 / 2.5	28 / 4
MAX. WORKING PRESSURE		kPa / psi	1608 / 233	
SURFACE AIR VELOCITY		m/s	1.83	1.72
		ft/min	360.7	339.5
CONNECTION			3/4" BSP FEMALE ADAPTOR	
CONTROL	AIR DISCHARGE		DUCTED	
	OPERATION		SLM WIRED HANDSET	
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4	

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

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 & ISO13253.

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

a) COOLING - ENTERING AIR TEMP. : 27°C (80.6°F) DB / 19°C (66.2°F) WB, ENTERING WATER TEMP. : 7°C (44.6°F), LEAVING WATER TEMP. : 12°C (53.6°F)

b) HEATING - ENTERING AIR TEMP.: 20°C (68°F) DB, ENTERING WATER TEMP. : 50°C (122°F), WATER FLOW RATE BASED ON COOLING CYCLE.

4) SOUND PRESSURE LEVEL ARE ACCORDING TO GB STD - GB/D17758. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW THE CENTRE OF THE UNIT. TESTED WITH 2m LENGTH DUCT AT THE AIR DISCHARGE OUTLET AND AIR RETURN INLET.

## General Data - MCC-CW

MODEL			MCC028CW	MCC038CW
NOMINAL TOTAL COOLING CAPACITY		Btu/h	26000	35200
		W	7620	10320
NOMINAL SENSIBLE COOLING CAPACITY		Btu/h	18200	24600
		W	5330	7220
NOMINAL TOTAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)		Btu/h	33000	43000
		W	9670	12600
NOMINAL AIR FLOW	HIGH	l/s / CFM	382 / 810	694 / 1470
	MEDIUM	l/s / CFM	363 / 770	670 / 1420
	LOW	l/s / CFM	335 / 710	637 / 1350
EXTERNAL STATIC (H/M/L)		mmAq	8 / 7 / 6	12 / 11 / 9
UNIT DIMENSION	HEIGHT	mm/in	290 / 11.4	290 / 11.4
	WIDTH	mm/in	942 / 37.1	942 / 37.1
	DEPTH	mm/in	600 / 23.6	600 / 23.6
PACKING DIMENSION	HEIGHT	mm/in	343 / 13.5	355 / 14.0
	WIDTH	mm/in	1138 / 44.8	1461 / 57.5
	DEPTH	mm/in	690 / 27.2	727 / 28.6
UNIT WEIGHT		kg/lb	38 / 83.8	41 / 90.4
SOUND PRESSURE LEVEL ( H/M/L )		dBA	41 / 38 / 34	51 / 48 / 45
NOMINAL WATER FLOW RATE		USGPM	5.77	7.84
		LITRES/M	21.84	29.68
HEAD LOSS (COOLING)		kPa / psi	24 / 3.5	49 / 7.1
HEAD LOSS (HEATING) : 50°C		kPa / psi	22 / 3.2	44 / 6.3
MAX. WORKING PRESSURE		kPa / psi	1608 / 233	
SURFACE AIR VELOCITY		m/s	1.59	2.04
		ft/min	313.9	401.7
CONNECTION			3/4" BSP FEMALE ADAPTOR	
CONTROL	AIR DISCHARGE		DUCTED	
	OPERATION		SLM WIRED HANDSET	
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4	

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

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 & ISO13253.

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

a) COOLING - ENTERING AIR TEMP. : 27°C (80.6°F) DB / 19°C (66.2°F) WB, ENTERING WATER TEMP. : 7°C (44.6°F), LEAVING WATER TEMP. : 12°C (53.6°F)

b) HEATING - ENTERING AIR TEMP.: 20°C (68°F) DB, ENTERING WATER TEMP. : 70°C (158°F), LEAVING WATER TEMP. : 65°C (149°F)

4) SOUND PRESSURE LEVEL ARE ACCORDING TO GB STD - GB/D17758. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW THE CENTRE OF THE UNIT. TESTED WITH 2m LENGTH DUCT AT THE AIR DISCHARGE OUTLET AND AIR RETURN INLET.

## General Data - MCC-CW

MODEL			MCC030CW	MCC040CW
NOMINAL TOTAL COOLING CAPACITY	Btu/h		28000	38000
	W		8210	11140
NOMINAL SENSIBLE COOLING CAPACITY	Btu/h		19900	26600
	W		5830	7800
NOMINAL TOTAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)	Btu/h		36000	46000
	W		10550	13480
NOMINAL AIR FLOW	HIGH	l/s / CFM	392 / 830	500 / 1060
	MEDIUM	l/s / CFM	359 / 760	467 / 990
	LOW	l/s / CFM	335 / 710	425 / 900
EXTERNAL STATIC (H/M/L)		mmAq	17 / 13 / 9	18 / 13 / 10
UNIT DIMENSION	HEIGHT	mm/in	378 / 14.9	378 / 14.9
	WIDTH	mm/in	929 / 36.6	1045 / 41.1
	DEPTH	mm/in	541 / 21.3	541 / 21.3
PACKING DIMENSION	HEIGHT	mm/in	415 / 16.3	415 / 16.3
	WIDTH	mm/in	1126 / 44.3	1245 / 49.0
	DEPTH	mm/in	631 / 24.8	631 / 24.8
UNIT WEIGHT		kg/lb	39 / 86.0	42 / 92.6
SOUND PRESSURE LEVEL ( H/M/L )		dBA	46 / 42 / 38	49 / 45 / 41
NOMINAL WATER FLOW RATE	USGPM		6.21	8.45
	LITRES/M		23.51	31.99
HEAD LOSS (COOLING)		kPa / psi	15 / 2.1	21 / 3
HEAD LOSS (HEATING) : 50°C		kPa / psi	12 / 1.8	18 / 2.6
MAX. WORKING PRESSURE		kPa / psi	1608 / 233	
SURFACE AIR VELOCITY	m/s		1.40	1.57
	ft/min		275.7	308.1
CONNECTION			3/4" BSP FEMALE ADAPTOR	
CONTROL	AIR DISCHARGE		DUCTED	
	OPERATION		SLM WIRED HANDSET	
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4	

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

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 & ISO13253.

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

a) COOLING - ENTERING AIR TEMP. : 27°C (80.6°F) DB / 19°C (66.2°F) WB, ENTERING WATER TEMP. : 7°C (44.6°F), LEAVING WATER TEMP. : 12°C (53.6°F)

b) HEATING - ENTERING AIR TEMP.: 20°C (68°F) DB, ENTERING WATER TEMP. : 70°C (158°F), LEAVING WATER TEMP. : 65°C (149°F)

4) SOUND PRESSURE LEVEL ARE ACCORDING TO GB STD - GB/D17758. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW THE CENTRE OF THE UNIT. TESTED WITH 2m LENGTH DUCT AT THE AIR DISCHARGE OUTLET AND AIR RETURN INLET.

## General Data - MCC-CW

MODEL			MCC050CW	MCC060CW
NOMINAL TOTAL COOLING CAPACITY		Btu/h	47000	54000
		W	13770	15830
NOMINAL SENSIBLE COOLING CAPACITY		Btu/h	32900	37800
		W	9640	11080
NOMINAL TOTAL HEATING CAPACITY (ENTERING WATER TEMP. = 50°C)		Btu/h	57000	67000
		W	16710	19640
NOMINAL AIR FLOW	HIGH	l/s / CFM	651 / 1380	722 / 1530
	MEDIUM	l/s / CFM	604 / 1280	675 / 1430
	LOW	l/s / CFM	571 / 1210	609 / 1290
EXTERNAL STATIC (H/M/L)		mmAq	16 / 14 / 11	16 / 14 / 10
UNIT DIMENSION	HEIGHT	mm/in	378 / 14.9	378 / 14.9
	WIDTH	mm/in	1299 / 51.1	1499 / 59.0
	DEPTH	mm/in	541 / 21.3	541 / 21.3
PACKING DIMENSION	HEIGHT	mm/in	415 / 16.3	415 / 16.3
	WIDTH	mm/in	1497 / 58.9	1701 / 67.0
	DEPTH	mm/in	631 / 24.8	631 / 24.8
UNIT WEIGHT		kg/lb	54 / 119.0	63 / 136.7
SOUND PRESSURE LEVEL ( H/M/L )		dBA	52 / 50 / 47	53 / 50 / 47
NOMINAL WATER FLOW RATE	USGPM		10.40	11.98
	LITRES/M		39.37	45.35
HEAD LOSS (COOLING)		kPa / psi	41 / 5.9	8 / 1.1
HEAD LOSS (HEATING) : 50°C		kPa / psi	36 / 5.2	7 / 1.0
MAX. WORKING PRESSURE		kPa / psi	1608 / 233	
SURFACE AIR VELOCITY	m/s		1.59	1.51
	ft/min		313.0	296.5
CONNECTION			3/4" BSP FEMALE ADAPTOR	
CONTROL	AIR DISCHARGE		DUCTED	
	OPERATION		SLM WIRED HANDSET	
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4	

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

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ISO 5151 & ISO13253.

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

a) COOLING - ENTERING AIR TEMP. : 27°C (80.6°F) DB / 19°C (66.2°F) WB, ENTERING WATER TEMP. : 7°C (44.6°F), LEAVING WATER TEMP. : 12°C (53.6°F)

b) HEATING - ENTERING AIR TEMP. : 20°C (68°F) DB, ENTERING WATER TEMP. : 70°C (158°F), LEAVING WATER TEMP. : 65°C (149°F)

4) SOUND PRESSURE LEVEL ARE ACCORDING TO GB STD - GB/D17758. POSITION OF THE MEASUREMENT POINT IS 1.4m BELOW THE CENTRE OF THE UNIT. TESTED WITH 2m LENGTH DUCT AT THE AIR DISCHARGE OUTLET AND AIR RETURN INLET.