

# SPECIFICATIONS

HEAT PUMP MODELS	INDOOR	MCM 020DR	MCM 025DR	MCM 030DR	MCM 040DR	MCM 050DR
	OUTDOOR	M4LC 020BR	M4LC 025BR	M4LC 030CR	M4LC 040CR	M4LC 050CR
NOMINAL HEATING CAPACITY	kW	5,77	6,68	8,07	10,58	12,81
	Btu/h	19690	22800	27550	36100	43700
NOMINAL COOLING CAPACITY	kW	5,01	6,13	7,80	10,30	12,53
	Btu/h	17100	20900	26600	35150	42750
RATED TOTAL POWER CONSUMPTION (HEATING)	kW	2,49	2,80	2,85	3,20	4,50
RATED TOTAL POWER CONSUMPTION (COOLING)	kW	2,10	2,75	2,90	3,85	5,00

COOLING ONLY MODELS	INDOOR	MCM 020D	MCM 025D	MCM 030D	MCM 040D	MCM 050D
	OUTDOOR	M4LC 020B	M4LC 025B	M4LC 030C	M4LC 040C	M4LC 050C
NOMINAL COOLING CAPACITY	kW	5,01	6,13	7,80	10,30	12,53
	Btu/h	17100	20900	26600	35150	42750
RATED TOTAL POWER CONSUMPTION	kW	2,10	2,75	2,90	3,85	5,00

REFRIGERANT / CONTROL		COOLING	R407C / CAPILLARY TUBE (OUTDOOR)		R407C / CAPILLARY TUBE (INDOOR)	
		HEAT PUMP	R407C / CAPILLARY TUBE (OUTDOOR)		R407C / TXV (OD)	R407C / CAP. TUBE + TXV (OUTDOOR)
FIN MATERIAL		ALUMINIUM				
TUBE MATERIAL		SEAMLESS COPPER				
PIPE CONNECTION		FLARE JOINT				
PIPE SIZE	LIQUID	mm (in)	6.35 / 1/4		9.52 / 3/8	
	GAS	mm (in)	15.88 / 5/8		19.05 / 3/4	

## INDOOR

POWER SOURCE		V/Ph/Hz	230 / 1 / 50			
NOMINAL AIR FLOW		cfm / m <sup>3</sup> /s	588 / 0.28	664 / 0.31	730 / 0.34	1110 / 0.52
FACE AREA		m <sup>2</sup> /ft <sup>2</sup>	0.19 / 2.06	0.19 / 2.06	0.24 / 2.58	0.36 / 3.95
DIMENSION	HEIGHT	mm/in	214 / 8.4	214 / 8.4	249 / 9.8	249 / 9.8
	WIDTH	mm/in	1214 / 47.8	1214 / 47.8	1214 / 47.8	1714 / 67.4
	DEPTH	mm/in	670 / 26.3	670 / 26.3	670 / 26.3	670 / 26.3
SOUND PRESSURE LEVEL		dBA	61	67	64	67
WEIGHT		kg	43	43	45	70
CONTROL		ROOM TEMPERATURE OPERATION	MICROCOMPUTER CONTROLLED THERMOSTAT LCD WIRELESS MICROCOMPUTER REMOTE CONTROL			
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4			
AIR FILTER		WASHABLE SARANET (OPTIONAL IONIZER FILTER)				
PACKING DIMENSION	HEIGHT	mm/in	301 / 11.9	301 / 11.9	345 / 13.6	345 / 13.6
	WIDTH	mm/in	1311 / 51.6	1311 / 51.6	1361 / 53.5	1816 / 71.4
	DEPTH	mm/in	760 / 29.9	760 / 29.9	760 / 29.9	760 / 29.9

## OUTDOOR

POWER SOURCE		V/Ph/Hz	230 / 1 / 50		400 / 3 / 50	
COMPRESSOR TYPE		ROTARY HERMETIC			SCROLL	
LOCK ROTOR AMP.		A	58	58	82	66
PROTECTION DEVICE		OVERLOAD PROTECTION			OLP AND MANUAL RESET HIGH/LOW PRESSURE SWITCH	
FAN TYPE / DRIVE		PROPELLER / DIRECT				
BLADE MATERIAL		GLASS REINFORCED ACRYL STYRENE RESIN				
NOMINAL AIR FLOW		cfm / m <sup>3</sup> /s	1200 / 0.57	1200 / 0.57	3500 / 1.65	3500 / 1.65
DIMENSION	HEIGHT	mm/in	646 / 25.4		850 / 33.5	
	WIDTH	mm/in	840 / 33.1		1029 / 40.5	
	DEPTH	mm/in	330 / 13.0		400 / 15.8	
SOUND PRESSURE LEVEL - < > HEAT PUMP		dBA	66 < 67 >	67	70	74
WEIGHT		kg	57	58	95	105
CASING		MATERIAL FINISHING	GALVANISED MILD STEEL POLYESTER POWDER			
PACKING DIMENSION	HEIGHT	mm/in	710 / 28.0		1000 / 39.4	
	WIDTH	mm/in	957 / 37.7		1200 / 47.2	
	DEPTH	mm/in	461 / 18.2		560 / 22.1	