

SPECIFICATIONS

CEILING EXPOSED FOR COOLING ONLY

MODEL		INDOOR UNIT		MCM 061C		
		OUTDOOR UNIT		* MLC 060C		
NOMINAL COOLING CAPACITY		kcal/h	15120		15120	
		W	17580		17580	
		Btu/h	60000		60000	
POWER SOURCE		V/Ph/Hz	220 - 240 / 1 / 50			
REFRIGERANT / CONTROL		R22 / CAPILLARY TUBE IN INDOOR				
FAN	AIR FLOW	cfm/cmm	1584 / 44.8			
	SOUND LEVEL (dBA)	HIGH	56			
		MED	53			
		LOW	46			
FAN MOTOR		2 x 4 POLES x 80 W				
RATED INPUT POWER		W	327			
RATED RUNNING CURRENT		A	1,40			
COIL	TUBE MATERIAL	S.I.G.C				
	DIAMETER	mm/in	9.52 / 3/8			
	THICKNESS	mm/in	0.35 / 0.014			
	FIN MATERIAL	ALUMINIUM				
	THICKNESS	mm/in	0.11 / 0.0043			
	ROW	4				
	FIN PER INCH	14				
FACE AREA		m ² /ft ²	0.42 / 4.51			
DIMENSION	HEIGHT	mm/in	285 / 11.2			
	WIDTH	mm/in	1874 / 73.8			
	DEPTH	mm/in	666 / 26.2			
WEIGHT		kg	85			
CONTROL		ROOM TEMPERATURE OPERATION	MICROCOMPUTER CONTROLLED THERMOSTAT LCD WIRELESS OR WIRED MICROCOMPUTER REMOTE CONTROL			
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4			
AIR FILTER		WASHABLE SARAN NET				
PACKING DIMENSION	HEIGHT	mm/in	368 / 14.5			
	WIDTH	mm/in	1992 / 78.4			
	DEPTH	mm/in	760 / 29.9			
POWER SOURCE		V/Ph/Hz	415 / 3 / 50			
COMPRESSOR	COMPRESSOR TYPE		SCROLL	RECIPROCATING		
	CAPACITOR		µF	-		
	LOCK ROTOR AMP.		A	74,0	79,0	
	RATED RUNNING CURRENT		A	8,5	8,9	
	RATED INPUT POWER		W	4920	5150	
PROTECTION DEVICE		OVERLOAD PROTECTION / HI-LO PRESSURE SWITCH				
POWER SOURCE		V/Ph/Hz	220 - 240 / 1 / 50			
FAN TYPE / DRIVE		PROPELLER / DIRECT				
FAN	BLADE MATERIAL		GLASS REINFORCED ACRYL STYLENE RESIN	ALUMINIUM		
	DIAMETER		mm/in	600 / 24	660.4 / 26	
	RATED RUNNING CURRENT		A	2,2	3,0	
	RATED OUTPUT POWER		W	400	480	
	RATED INPUT POWER		W	460	680	
COIL	TUBE MATERIAL	S.I.G.C				
	DIAMETER	mm/in	9.52 / 3/8			
	THICKNESS	mm/in	0.35 / 0.014			
	FIN MATERIAL	ALUMINIUM (SLIT)		ALUMINIUM (CORRUGATED)		
	THICKNESS	mm/in	0.127 / 0.005			
	ROW	2				
	FIN PER INCH	16				
FACE AREA		m ² /ft ²	0.87 / 9.33	1.10 / 11.93		
DIMENSION	HEIGHT	mm/in	850 / 33.5	946 / 37.24		
	WIDTH	mm/in	1030 / 40.6	1300 / 51.18		
	DEPTH	mm/in	400 / 15.7	500 / 19.68		
WEIGHT		kg	105	140		
CASING	MATERIAL		ELECTRO GALVANIZED MILD STEEL			
	THICKNESS		mm/in	1.0 - 2.3 (0.0393 - 0.0905)		
	FINISHING		EPOXY POLYESTER POWDER COATING			
SOUND PRESSURE LEVEL		dBA	71	73		
PIPE	TYPE		FLARE VALVE			
	SIZE	LIQUID	mm/in	12.7 / 1/2		
		GAS	mm/in	19.05 / 3/4		
PACKING DIMENSION	HEIGHT	mm/in	1000 / 39.4	1118 / 44.0		
	WIDTH	mm/in	1200 / 47.2	1435 / 56.5		
	DEPTH	mm/in	560 / 22.0	686 / 27.0		

* not suitable for high ambient application

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE BEING TESTED AND COMPLY TO ARI 210/240-89
- 3) NOMINAL COOLING CAPACITY IS BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 26.7°C DB / 19.4°C WB INDOOR AND 35°C DB OUTDOOR
- 4) ALLOWABLE OPERATING RANGE
 - a) COOLING - 19.4°C DB / 13.9°C WB INDOOR AND 19.4°C DB OUTDOOR TO 26.7°C DB / 19.4°C WB INDOOR AND 46.1°C DB OUTDOOR

Abbreviation

S.B.C. - SEAMLESS BARE COPPER
S.I.G.C- SEAMLESS INNER GROOVE COPPER

SPECIFICATIONS

CEILING EXPOSED FOR COOLING ONLY

MODEL		INDOOR UNIT		MCM061CR	
		OUTDOOR UNIT		MLC060CR	MMC060CR
NOMINAL HEATING CAPACITY	kcal/h			14870	14870
	W			17290	17290
	Btu/h			59000	59000
NOMINAL COOLING CAPACITY	kcal/h			14620	14620
	W			17000	17000
	Btu/h			58000	58000
POWER SOURCE		V/Ph/Hz	220 - 240 / 1 / 50		
REFRIGERANT / CONTROL		R22 / CAPILLARY TUBE - INDOOR (COOLING), OUTDOOR (HEATING)			
FAN	AIR FLOW		cfm/cmm	1550 / 43.9	
	SOUND LEVEL (dBA)	HIGH		56	
		MED		53	
		LOW		46	
	FAN MOTOR		2 x 4 POLES x 80 W		
RATED INPUT POWER		W	327		
RATED RUNNING CURRENT		A	1,40		
COIL	MATERIAL		S.I.G.C		
	DIAMETER		mm/in	9.52 / 3/8	
	THICKNESS		mm/in	0.35 / 0.014	
	MATERIAL		ALUMINIUM		
	THICKNESS		mm/in	0.11 / 0.0043	
	ROW		4		
	FIN PER INCH		14		
FACE AREA		m ² /ft ²	0.42 / 4.51		
DIMENSION	HEIGHT		mm/in	285 / 11.2	
	WIDTH		mm/in	1874 / 73.8	
	DEPTH		mm/in	666 / 26.2	
WEIGHT		kg	85		
CONTROL		ROOM TEMPERATURE OPERATION	MICROCOMPUTER CONTROLLED THERMOSTAT LCD WIRELESS OR WIRED MICROCOMPUTER REMOTE CONTROL		
CONDENSATE DRAIN SIZE		mm/in	19.05 / 3/4		
AIR FILTER		WASHABLE SARAN NET			
PACKING DIMENSION	HEIGHT		mm/in	368 / 14.5	
	WIDTH		mm/in	1992 / 78.4	
	DEPTH		mm/in	760 / 29.9	
POWER SOURCE		V/Ph/Hz	415 / 3 / 50		
COMPRESSOR	COMPRESSOR TYPE		SCROLL		RECIPROCATING
	CAPACITOR		µF	-	
	LOCK ROTOR AMP.		A	74,0	79,0
	RATED RUNNING CURRENT (COOLING)		A	8,2	8,5
	RATED RUNNING CURRENT (HEATING)		A	7,1	8,0
	RATED INPUT POWER (COOLING)		W	4700	4798
	RATED INPUT POWER (HEATING)		W	3900	4477
PROTECTION DEVICE		OVERLOAD PROTECTION / HI PRESSURE SWITCH			
POWER SOURCE		V/Ph/Hz	220 - 240 / 1 / 50		
FAN TYPE / DRIVE		PROPELLER / DIRECT			
BLADE MATERIAL		GLASS REINFORCED ACRYL STYLENE RESIN		ALUMINIUM	
DIAMETER		mm/in	600 / 24	660.4 / 26	
RATED RUNNING CURRENT		A	2,8	3,0	
RATED OUTPUT POWER		W	400	480	
RATED INPUT POWER		W	655	680	
COIL	MATERIAL		S.I.G.C		
	DIAMETER		mm/in	9.52 / 3/8	
	THICKNESS		mm/in	0.35 / 0.014	
	MATERIAL		ALUMINIUM (SLIT)		ALUMINIUM (CORRUGATED)
	THICKNESS		mm/in	0.127 / 0.005	
	ROW		2		2
	FIN PER INCH		16		13
FACE AREA		m ² /ft ²	0.87 / 9.33	1.10 / 11.93	
DIMENSION	HEIGHT		mm/in	850 / 33.5	
	WIDTH		mm/in	1030 / 40.6	
	DEPTH		mm/in	400 / 15.7	
WEIGHT		kg	105		140
CASING	MATERIAL		ELECTRO GALVANIZED MILD STEEL		
	THICKNESS		mm/in	1.0 - 2.3 (0.0393 - 0.0905)	
	FINISHING		EPOXY POLYESTER POWDER COATING		
SOUND PRESSURE LEVEL		dBA	71	73	
PIPE	TYPE		FLARE VALVE		
	SIZE	LIQUID	mm/in	12.7 / 1/2	
		GAS	mm/in	19.05 / 3/4	
PACKING DIMENSION	HEIGHT		mm/in	1000 / 39.4	
	WIDTH		mm/in	1200 / 47.2	
	DEPTH		mm/in	560 / 22.0	
				1118 / 44.0	
				1435 / 56.5	
				686 / 27.0	

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

2) ALL UNITS ARE BEING TESTED AND COMPLY TO ARI 210/240-89

3) NOMINAL COOLING CAPACITY IS BASED ON THE CONDITIONS BELOW :

a) COOLING - 26.7°C DB / 19.4°C WB INDOOR AND 35°C DB OUTDOOR

4) ALLOWABLE OPERATING RANGE

a) COOLING - 19.4°C DB / 13.9°C WB INDOOR AND 19.4°C DB OUTDOOR TO

26.7°C DB / 19.4°C WB INDOOR AND 46.1°C DB OUTDOOR

Abbreviation

S.B.C. - SEAMLESS BARE COPPER

S.I.G.C - SEAMLESS INNER GROOVE COPPER