



Models / Modelos
MWAEC_S/MRAEC_DS SMART

Technical Specifications / Especificaciones Técnicas

Model		MWAEC09S/MRAEC09DS	MWAEC12S/MRAEC12DS	MWAEC18S/MRAEC18DS	MWAEC24S/MRAEC24DS	
Power supply		V,Hz,Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph	220-240V,50Hz, 1Ph
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	750	1000	1645	2195
	Rated current	A	3	4.3	7.2	9.5
	EER	W/W	3.52	3.52	3.21	3.20
Max. current		A	6	7	9	16.5
Compressor	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Refrigerant oil/oil charge	ml	Ester Oil VG74 370ml	ESTER OIL VG74/370	ESTER OIL VG74/450	POE(VG74)/670
Indoor air flow (Hi/Mi/Lo)		m ³ /h	610 / 463 / 346	602 / 452 / 331	963 / 654 / 516	1156 / 866 / 651
Indoor noise level (Hi/Mi/Lo)		dB(A)	44 / 37.4 / 31.9	42.9 / 36.1 / 31.4	47.5 / 38.6 / 33.9	50 / 43.1 / 37.7
Indoor unit	Dimension (W*D*H)	mm	805 x 193 x 302	805 x 193 x 302	964 x 222 x 325	1106 x 232 x 342
	Packing (W*D*H)	mm	875 x 375 x 285	875 x 375 x 285	1045 x 405 x 305	1195 x 420 x 315
	Net/Gross weight	Kg	9.0 / 11.8	9.1 / 11.8	11.9 / 15.4	15.3 / 19.2
Outdoor noise level		dB(A)	55.2	55.4	55.7	57.5
Outdoor unit	Dimension (W*D*H)	mm	700 x 275 x 550	770 x 300 x 555	800 x 333 x 554	845 x 363 x 702
	Packing (W*D*H)	mm	815 x 325 x 615	900 x 345 x 585	920 x 390 x 615	965 x 395 x 765
	Net/Gross weight	Kg	22.2 / 24.5	26.1 / 28.3	32.1 / 34.9	45 / 48.2
Refrigerant type		g	R410A / 550	R410A / 620	R410A / 1000	R410A / 1500
Design pressure		MPa	4.2 / 1.5	4.2 / 1.5	4.2 / 1.5	4.2 / 1.5
Refrigerant piping	Liquid side / Gas side	mm(inch)	Φ6.35/Φ9.52 (1/4"/3/8")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ6.35/Φ12.7 (1/4"/1/2")	Φ9.52/Φ15.9 (3/8"/5/8")
	Max. refrigerant pipe length	m	25	25	30	50
	Max. difference in level	m	10	10	20	25
Operation temperature		°C	17-30	17-30	17-30	17-30
Room temperature	Indoor (cooling/ heating)	°C	17-32 / ----	17-32 / ----	17-32 / ----	17-32 / ----
	Outdoor (cooling/heating)	°C	0-50 / ----	0-50 / ----	0-50 / ----	0-50 / ----
Application area		m ²	12-18	16-23	24-35	32-47

Features and Benefits

