



# Optimum Inverter Series



## Serie Optimo Inverter

### MODEL / MODELO: MWOPT\_S / MROPT\_AS SPECIFICATIONS / ESPECIFICACIONES

Model		MWOPT12S/MROPT12AS	MWOPT18S/MROPT18AS	MWOPT24S/MROPT24AS
Power supply		V-Ph-Hz 208/230V,1Ph,60Hz	208/230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity (range)	Btu/h 12000 (3753~12283)	18000 (7267~19789)	23000 (7881~26900)
	Input	W 960	1440	1840
	Rated current	A 4.4	6.55	8.37
	EER	Btu/w 12.5	12.5	12.5
	SEER	Btu/w 23	23	20
Minimum Circuit Ampacity		A 8	15	16
Max Fuse		A 15	20	25
Compressor	Model	ASM98D32UFZ	ASM135D23UFZ	ATF235D22UMT
	Type	ROTARY	ROTARY	ROTARY
	Brand	GMCC	GMCC	GMCC
	Refrigerant oil/oil charge	ml 370	ESTER OIL VG74/450	POE(VG74)/670
Indoor air flow (Hi/Mi/Lo)		CFM 282 / 208 / 145	563 / 389 / 330	570 / 451 / 380
Indoor noise level (Hi/Mi/Lo)		dB(A) 37.5 / 30 / 22.5	45 / 36.5 / 30.5	46 / 40 / 34
Indoor unit	Dimension (W*D*H)	mm 802 x 189 x 297	1080 x 226 x 335	1080 x 226 x 335
	Packing (W*D*H)	mm 875 x 285 x 375	1155 x 415 x 315	1155 x 415 x 315
	Net/Gross weight	Kg 8.3 / 10.8	13.5 / 17.2	13.1 / 16.7
Outdoor air flow		CFM 1137	1632	2237
Outdoor noise level		dB(A) 54	55	56.5
Outdoor unit	Dimension (W*D*H)	mm 800 x 333 x 554	845 x 363 x 702	946 x 410 x 810
	Packing (W*D*H)	mm 920 x 390 x 615	965 x 395 x 765	1090 x 500 x 875
	Net/Gross weight	Kg 32.2 / 34.9	34.2 / 37.4	60.4 / 66
Refrigerant type		oz R410A / 30.7	R410A / 40.6	R410A / 82.9
Refrigerant precharge		ft 25	25	25
Design pressure		PSIG 550 / 340	550 / 340	550 / 340
Refrigerant piping	Liquid side/ Gas side	mm (inch) 6.35mm (1/4") / 12.7mm (1/2")	6.35mm (1/4") / 12.7mm (1/2")	9.52mm (3/8") / 15.9mm (5/8")
	Max. refrigerant pipe length	m 25	30	30
	Max. difference in level	m 10	20	20
Application area (cooling standard)		m <sup>2</sup> 16-23	24-35	31-45