

Optimum Inverter Series

Classic
AIR CONDITIONERS

Serie Óptimo Inverter

DC INVERTER

SMART

AHRI CERTIFIED™
www.ahrirectory.org



Models / Modelos
MWOPC__S/MROPC__AS

Technical Specifications / Especificaciones Técnicas

Model		MWOPC12S/MROPC12AS	MWOPC18S/MROPC18AS	MWOPC24S/MROPC24AS	
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 ²	16-23	24-35	31-45	

Features and Benefits



Auto Restart Function



12 Grades Indoor Fan Speeds



Turbo



2-way Draining



Self-diagnosis and Auto-protection



Auto Defrosting



Fire-proof Electric Box



Emergency Using



Refrigerant Leakage Detect



Anti-cold Air Function



Louver Position Memory



Manual ON/OFF



Auto Swing



2-directional Airflow



Timer



High Density Filter