



Polar Inverter Series

Serie Polar Inverter



MODEL / MODELO: MWPOT / MRPOT

SPECIFICATIONS / ESPECIFICACIONES

Indoor Model		MWPOT12SA	MWPOT12S	MWPOT18S	MWPOT24S	
Outdoor Model		MRPOT12ASA	MRPOT12AS	MRPOT18AS	MRPOT24AS	
Power supply	V-Ph-Hz	115-1P-50/60	208/230-1-50/60	208/230-1-50/60	208/230-1-50/60	
Cooling	Capacity (range)	Btu/h	12000	12000	18000	24000
	Input	W	965	960	1570	2150
	Rated current	A	8.5	4.2	6.8	9.3
	EER	Btu/w	11.9	11.9	11.26	10.2
	SEER	Btu/w	21	21	21	20
Minimum Circuit Ampacity	A	18	11	16	16	
Max.Fuse	A	30	15	20	20	
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D58UFZ	KSN140D58UFZ
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	6943/11106	6943/11106	14723	14723
	Input	W	325/826	325/826	1090	1090
	Rated current (RLA)	A	13.3	5	11	12
	Refrigerant oil/oil charge	ml	VG74/310	VG74/310	VG74/440	VG74/440
Indoor air flow (Hi/Mi/Lo)	m3/h	566/430/360	550/395/330	800/600/520	1000/800/680	
Indoor air flow (Hi/Mi/Lo)	CFM	332.94/252.94/211.76	323.53/232.35/194.12	470.59/352.94/305.88	588.24/470.59/400.00	
Indoor noise level (Hi/Mi/Lo)	dB(A)	40.5/35.5/33	40/35.5/30.5	46/38.5/31.5	47.5/39.5/36	
Indoor unit	Dimension (W*D*H)	Inch	31.57 x 7.87 x 11.61	31.57 x 7.87 x 11.61	38.23 x 8.98 x 12.64	42.60 x 9.21 x 13.27
	Packing (W*D*H)	Inch	34.45 x 11.22 x 14.96	34.45 x 11.22 x 14.96	41.14 x 12.01 x 15.94	45.47 x 16.34 x 12.40
	Net/Gross weight	Lbs	19.18/24.47	18.96/24.25	24.69/31.75	29.98/37.70
Outdoor air flow	m3/h	1800	1800	2100	2300	
Outdoor air flow	CFM	1058.82	1058.82	1235.29	1352.94	
Outdoor noise level	dB(A)	54	54	55.5	56.5	
Outdoor unit	Dimension (W*D*H)	Inch	28.35 x 10.63 x 19.49	28.35 x 10.63 x 19.49	30.12 x 11.93 x 21.85	31.69 x 12.99 x 21.81
	Packing (W*D*H)	Inch	32.87 x 11.81 x 21.26	32.87 x 11.81 x 21.26	34.92 x 13.27 x 24.02	36.02 x 14.57 x 24.21
	Net/Gross weight	lbs	50.71/54.45	48.50/52.47	61.51/66.80	67.24/72.97
Refrigerant type		R410A/23.3oz	R410A/23.3oz	R410A/31.7oz	R410A/37.7oz	
Additional charge per ft		0.16oz	0.16oz	0.16oz	0.32oz	
Refrigerant piping	Liquid side/ Gas side	inch	¼ inch / ½ inch	¼ inch / ½ inch	¼ inch / ½ inch	⅜ inch / ½ inch
	Max. refrigerant pipe length	Ft	82.02	82.02	98.42	98.42
	Max. difference level	Ft	32.81	32.81	65.62	65.62