



Green Inverter Series Serie Green Inverter

MODEL / MODELO: MWGRT / MRGRT SPECIFICATIONS / ESPECIFICACIONES

Indoor Model		MWGRT12SA	MWGRT12S	MWGRT18S	MWGRT24S	
Outdoor Model		MRGRT12ASA	MRGRT12AS	MRGRT18AS	MRGRT24AS	
Power supply		V-Ph-Hz	115V-1-60HZ	220/230V-1-60HZ	220/230V-1-60HZ	
Cooling (Standard conditions)	Capacity	Btu/h	12000	12000	18000	24000
	Input	W	1270	1150	1654	2106
	Current	A	13.0	7.6	6.78	9.0
	EER	W/W	2.77	3.06	3.19	3.34
	SEER	Btu/hr/W	18.0	18.0	19.0	20.0
Rated Power Input		W	1800	2000	2950	3000
Rated Current		A	17.0	13.0	13.5	14
Compressor	Model		KSK103D32UEZ31	KSK103D32UEZ31	KSK103D33UEZ3	KSN140D21UFZ
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	/	/	2035/3255	4385
	Input	W	/	/	325/826	1140
	Refrigerant oil/oil charge	ml	/	/	ESTER OIL VG74 310	VG74 440
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	ZKFP-58-8-20L
	Input	W	46	47.4	58.5	/
	Capacitor	uF	3	3	1.5	/
	Speed(Hi/Mi/Lo)	r/min	1180/950/750	1180/950/750	1200/1000/800	1200/1000/800
Indoor air flow (Hi/Mi/Lo)		m3/h	593/455/337	593/455/337	818/639/515	980/750/610
Indoor noise level (Hi/Mi/Lo)		dB(A)	41.0/35.0/26.5	41.0/34.5/29.0	43.5/37.5/29.5	47/41/35
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	870x270x365	870x270x365	1035x295x385	1120x405x315
	Net/Gross weight	kg	7.7/10.0	7.7/9.9	10.4/13.3	12.2/15.6
Outdoor fan motor	Model		ZKFN-25-10-5L	ZKFN-25-10-5L	ZKFN-25-10-5L	ZKFN-34-10-1L
	Input	W	/	/	/	/
	Capacitor	uF	/	/	/	/
	Speed	r/min	850/600	850/600	810/450	900/700/550
Outdoor air flow		m3/h	1800	1800	2100	2500
Outdoor noise level		dB(A)	54.0	55.0	55	57
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
	Net/Gross weight	kg	21.5/22.4	20.0/21.9	24.1/26.4	28.2/30.6
Refrigerant type		kg	R32/0.4	R32/0.4	R32/0.62	R32/0.75
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm/12.7mm	6.35mm/12.7mm	6.35mm/12.7mm	9.52mm/15.9mm
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring			16#x4//	16#x4//	16#x4//	16#x4//
Thermostat type			(Remote Control)	(Remote Control)	(Remote Control)	(Remote Control)
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 (Cooling Standard)		m ²	16~23	16~23	23~33	29~43