

**19**  
**SEER**



**FULL DC**  
**INVERTER**



**NOISELESS**



**GOLDFIN**  
TECHNOLOGY



**everwell**<sup>®</sup>

**MGC SERIES**  
MINI SPLIT SYSTEM  
COOLING ONLY



Distributed by

**MGC Series Technical Specifications**

Model			MGC1213-19	MGC0923-19	MGC1223-19	MGC1823-19	MGC2423-19	MGC3623
Indoor Model			MGC1213E-19	MGC0923E-19	MGC1223E-19	MGC1823E-19	MGC2423E-19	MGC3623E
Outdoor Model			MGC1213C-19	MGC0923C-19	MGC1223C-19	MGC1823C-19	MGC2423C-19	MGC3623C
Power Supply		V/Ph/Hz	115/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Cooling	Capacity	Btu/h	12000 (-/-)	9000 (3200~10200)	11500 (2900~12900)	17000 (5000~17700)	22000 (4700~23900)	36000 (9474~38713)
	Input	W		812	1037	1583	1960	4235
	Rated Current	A		3.53	4.5	6.7	9.0	18.5
	EER	-		11.1	11.1	10.8	10.9	8.5
	SEER	-	16.5	19	19	20	19	16
Minimum Circuit Ampacity		A		10	11	15	18	25
Max. Fuse		A		15	15	20	25	35
Compressor	Model	-		ASK89D29UEZD	ASK89D29UEZD	ASN140D21UFZ	ATN150D30UFZA	ATF250D22UMT
	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Brand	-	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	W		2670	2670	4225	4500	7645
	Input	W		702	702	1085	1160	2080
	Rated Current (RLA)	A		6.2	6.8	9	12	-
	Refrigerant Oil / Oil Charge	ml		VG74/170	VG74/170	VG74/440	VG74/450	VG74/670
Indoor Fan Motor	Model	-		YKFG-20-4-10L	YKFG-20-4-10L	ZKFP-30-8-3	YKFG-45-4-13	ZKFP-58-8-1
	Brand	-		Welling	Welling	Welling	Welling	Welling
	Input	W		47	47.4	36.0	89	58.0
	RLA	W		0	0	0.4	0.45	0
	LRA	W		0	-	-	1	-
	Winding Resistance	Ω		0	-	-	125	-
	Capacitor	μF		2	1.5	-	3	-
	Speed (Hi/Mi/Lo)	r/min		1050/900/700	≥1320	1100/800/700	1100/900/800	1200/950/750
Indoor Air Flow (Hi/Mi/Lo)	m3/h		410/350/250	410/330/350	900/750/600	988/776/562	1450/1100/800	
Indoor Air Flow (Hi/Mi/Lo)	CFM		241.18/205.88/147.06	241.18/194.12/205.88	529.41/441.18/352.94	581.18/456.47/330.59	852.94/647.06/470.59	
Indoor Noise Level (Hi/Mi/Lo)	dB(A)		38/32/26.5	37.5/34.5/24.5	42/34.5/30.5	46/40.5/34.0	52/44/36	
Indoor Unit	Dimension (W*D*H)	mm/inches	802x189x297 / 31.57x7.44x11.69	722x187x290 / 28.43x7.36x11.42	802x189x297 / 31.57x7.44x11.69	965x215x319 / 37.99x8.46x12.56	1080x226x335 / 42.52x8.90x13.19	1259x282x362 / 49.57x11.10x14.25
	Packing (W*D*H)	mm/inches	875x285x380 / 34.45x11.22x14.76	790x270x375 / 31.10x10.63x14.57	875x285x375 / 34.45x11.22x14.76	1045x305x410 / 41.14x12.01x15.94	1155x415x320 / 45.47x16.34x12.40	1340x450x385 / 52.76x17.72x14.96
	Net/Gross Weight	Kg - lbs	8.5/11 - 18.74/42.25	7.4/9.8 - 16.31/21.61	8.2/10.8 - 18.08/23.81	11.4/14 - 25.13/30.86	14.3/17.9 - 31.53/39.46	18.5/24.2 - 40.79/53.35
Outdoor Fan Motor	Model	-		ZKFN-40-8-1L-5	ZKFN-40-8-1L-5	ZKFN-40-8-1L-5	ZKFN-50-8-2	ZKFN-120-8-2
	Input	W		40.0	40.0	40.0	115.0	150.0
	RLA	A		0.4	0.5	0.6	0.6	0
	LRA	A		0.7	0.7	0.7	0	-
	Winding Resistance	Ω		100	100	100	37.3	-
	Capacitor	μF		0	0	0	/	-
	Speed (Hi/Mi/Lo)	r/min		850/700	850/700	850/700	800/550	900/750
	Outdoor Air Flow (Hi/Mi/Lo)	m3/h		2091	2091	2030	3100	3800
Outdoor Air Flow (Hi/Mi/Lo)	CFM		1230	1230	1194	1824	2235.29	
Outdoor Noise Level (Hi/Mi/Lo)	dB(A)		51	51.5	53.5	57.0	60.5	
Outdoor Unit	Dimension (W*D*H)	mm/inches	770x300x555 / 30.31x11.81x21.85	770x300x555 / 30.31x11.81x21.85	770x300x555 / 30.31x11.81x21.85	770x300x555 / 30.31x11.81x21.85	845x363x702 / 33.27x14.29x27.64	946x410x810 / 37.24x16.14x31.89
	Packing (W*D*H)	mm/inches	900x345x595 / 35.43x13.58x23.03	900x345x595 / 35.43x13.58x23.03	900x345x595 / 35.43x13.58x23.03	900x348x625 / 35.43x13.70x24.21	965x395x775 / 37.99x15.55x30.12	1090x500x885 / 42.91x19.69x34.45
	Net/Gross Weight	Kg - lbs	28.3/30.7 - 62.39/67.68	24.5/26.9 - 54.01/59.30	24.8/27 - 54.67/59.52	29.9/32.8 - 65.92/72.31	40.2/43.5 - 88.62/95.90	65.2/71.5 - 143.74/157.63
Refrigerant Type	oz		R410A/0.5	R410A/0.53	R410A/0.9	R410A/40.9	R410A/119.9	
Refrigerant Precharge	ft		20	20	20	30	20	
Additional Charge For Each ft	oz		0.21	0.21	0.21	0.32	0.21	
Design Pressure	PSIG		550/340	550/340	550/340	550/340	550/340	
Refrigerant Piping	Liquid Side/ Gas Side	mm/inches		6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. Refrigerant Pipe Length	m/ft		25 / 82.02	25 / 82.02	30 / 98.42	30 / 98.42	65 / 213.25
	Max. Difference in Level	m/ft		10 / 32.81	10 / 32.81	20 / 65.62	20 / 65.62	30 / 98.42
Connection Wiring				16AWG*4 Stranded, unshielded			16AWG*4 Stranded, unshielded	
Thermostat Type				Remote Control	Remote Control	Remote Control	Remote Control	
Room Temperature	Indoor (Cooling/Heating)	°C		17~32	17~32	17~32	17~32	17~32/0~30
	Outdoor (Cooling/Heating)	°C		-15~50	0~50	0~50	-15~50	-15~50/-15~30
Application area (Cooling Standard)	m2		12~18	15~22	23~33	29~43	48~70	
Application area (cooling standard)	sq.ft		129.17~193.75	161.46~236.81	247.57~355.21	312.15~462.85	516.67~753.47	
Qty/per 20' /40' /40'HQ	-		108/225/234	110/228/248	108/225/234	81/170/203	60/126/142	36/76/88

