

**18
SEER**

 **everwell®**

**FULL DC
INVERTER**



NOISELESS



MGC SERIES
MINI SPLIT SYSTEM

18 SEER



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MGC Series Technical Specifications

Model No.	MGC0913X-18	MGC0923X-18	MGC1213X-18	MGC1223X-18	MGC1823X-18	MGC2423X-18	MGC3023X-18	MGC3623X-18		
Indoor	MGC0913E-18	MGC0923E-18	MGC1213E-18	MGC1223E-18	MGC1823E-18	MGC2423E-18	MGC3023E-18	MGC3623E-18		
Outdoor	MGC0913C-18	MGC0923C-18	MGC1213C-18	MGC1223C-18	MGC1823C-18	MGC2423C-18	MGC3023C-18	MGC3623C-18		
Power Supply	V/Ph/Hz	115/1/60	220/1/60	115/1/60	220/1/60	220/1/60	220/1/60	220/1/60		
Cooling	Capacity	Btu/h	9000 (2764-9724)	9000 (3100-9600)	12000 (3753-12500)	12000 (3753-12500)	18000 (3412-20472)	22000 (8600-24000)	28000 (9485-30025)	33600 (7404-35997)
	Power Input	W	900	850	1194	1154	1820	2010	2705	4100
	SEER	Btu/W	18	18	18	18	18	18	18	18
	EER	Btu/W	2.93	3.10	2.95	3.05	2.90	3.21	3.03	2.40
	Fuse Current	A	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
Rated Current	A	12.66	5.8	13.5	6.0	12	11.98	17	20	
Compressor	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	
	Brand	-	GREE	GREE	GREE	GREE	GREE	GREE	MITSUBISHI	
	LRA	Btu/h	40	/	40	/	25	25	40	6
	Power Input	W	980	1020	980	1020	1440	1440	2450	3010
	RLA	A	12.62	6.60	15.23	6.60	12.08	11.29	13.45	17.50
Oil	-	FVC68D or RB 68EP	RB68EP	FVC68D or RB 68EP	RB68EP	RB68EP	RB68EP	PVE	FV50S	
Indoor Fan Motor	Model	-	/	/	/	/	/	/	/	
	Fan Type	-	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow	
	Power Output	W	20	20	20	20	35	30	70	70
	Capacitor	µF	4	1	4	1.5	2.5	3	0	0
Indoor Coil	Cooling Speed	r/min	1350/1200/1050/750	1350/1200/1050/750	1350/1200/1000/800	1350/1200/1000/800	1350/1200/1050/900	1300/1150/1000/850	1350/1150/950/850	1400/1250/1000/800
	Number of Rows	-	2	2	2	2	2	2	2	
	Fin Gap	mm	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4
	Evaporator Form	-	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Tube Outside Diam. and Type	mm	Φ5	Φ5	Φ5	Φ5	Φ7	Φ7	Φ7	Φ7	
Evap. Coil Length (LxHxW)	mm	584x22.8x266.7	584x22.8x266.7	635x22.8x306.3	635x22.8x306.3	715x25.4x304.8	845x25.4x342.9	1074x25.4x381	1074x25.4x381	
Indoor Air Flow (Hi/Mi/Lo)	m ³ /h	540/490/410/290	540/490/410/290	680/540/410/330	680/540/410/330	850/750/650/500	1200/1050/900/750	1200/1050/900/700	1250/1100/900/700/0	
Indoor Sound Power Level	dB(A)	53/48/44/28	53/49/45/39	53/49/45/39	53/49/45/39	57/54/51/45	63/59/56/52	61/55/51/47	64/59/54/47	
Indoor Unit	Dimensions (WxDxH)	mm	863x268x352	863x268x352	918x278x364	918x278x364	1038x380x305	1145x410x335	1438x418x352	1438x418x352
	Dimensions (WxDxH)	Inches	34x10.6x13.9	34x10.6x13.9	36.14x10.94x14.3	36.14x10.94x14.3	40.9x15x12	45x16.2x13.2	56.6x16.45x13.9	56.6x16.45x13.9
	Net/Gross Weight	Kg/lbs	9.5/11.5 - 20.9/25.3	9.5/11.5 - 20.9/25.3	10.5/12.5 - 23.1/27.5	10.5/12.5 - 23.1/27.5	14/17 - 30.8/37.4	17.0/20.5 - 37.4/ 45.1	19/23.5 - 41.8/51.8	19/23.5 - 41.8/51.8
Outdoor Fan Motor	Model	-	/	/	/	/	/	/	/	
	Fan Type	-	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow	
	Power Output	W	30	30	30	30	60	60	120	170
	RLA	A	0.24	0.36	0.23	0.37	0.52	0.40	0.45	0.73
	Speed	r/min	850	900	900	900	800	800	795	890
Outdoor Coil	Number of Rows	-	1	1	2	2	1	2	2	
	Fin Gap	mm	1.4	1.4	1.4	1.4	1.4	1.4	1.4	
	Condenser Form	-	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	
	Condenser Pipe Diameter	mm	Φ7	Φ7	Φ7	Φ7	Φ9.52	Φ7	Φ 7.94	Φ9.52
Condenser Coil Length (LxHxW)	mm	756x19.05x508	710x19.05x508	712x38.1x506	710x38.1x508	854x22x660	935x38.1x660	935x38.1x660	940.5x44x762	
Outdoor Air Flow	CFM	1059	941.7	1059	941.7	1883	1883	2354	2589	
Outdoor Sound Power Level	dB(A)	62	62	63	63	67	68	72	75	
Outdoor Unit	Dimensions (WxDxH)	mm	878x360x580	820x335x580	878x360x580	820x355x580	1026x455x735	1026x455x735	1080x485x840	1080x485x840
	Dimensions (WxDxH)	Inches	35x14.1x23	32x13.2x23	35x14.1x23	32x13.2x23	40.4x18x29	40.4x18x29	42.5x19.1x33.1	42.5x19.1x33.1
	Net/Gross Weight	Kg/lbs	28.5/31	29/31.5	30.5/33	31.5/34	44/48.5	47/51.5	70/75	73/78
Refrigerant Type	g/oz	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
Refrigerant Piping	Design Pressure	MP(PSIG)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	2.5/4.3 (550/240)	
	Liquid Side/Gas Side	mm/Inch	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ9.52	Φ6/Φ12	6/ 16	Φ6/Φ16	Φ6/Φ16
	Max. Refrigerant Pipe Length	m/ft	20/65.6	30/98.4	30/98.4	30/98.4	30/98.4	30.5/100	30/98.4	30/98.4
	Max. Height Distance	m/ft	10/32.8	20/65.6	15/16.4	20/65.6	20/65.6	20/65.6	10/32.8	10/32.8
Thermostat Type	-	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	
Operation Temperature	Indoor (Cooling/Heating)	°C/°F	16~30	16~30	16~30	16~30	16~30	16~30	16~30	
Outdoor (Cooling/Heating) Opt	°C/°F	-18~24	-18~24	-18~24	-18~24	-18~24	-18~24	-18~24	-18~24	
Application Area (Cooling Standard)	m ² /Sq ft	12-18 / 129.1-193.7	12-18 / 129.1-193.7	16-24 / 64.58-258.3	16-24 / 64.58-258.3	23-34 / 247.6-258.3	23-34 / 247.6-258.3	35-52 / 376.7-559.7	46-70 / 495.1-753.4	

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