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SEER

NOISELESS

CO-AL PIPES

GOLDFIN
TECHNOLOGY

R410A
REFRIGERANT



 **everwell**[®]

MR SERIES
MINI SPLIT SYSTEM
COOLING ONLY
ON/OFF





Distributed by

MR Series Technical Specifications

Model		MR0913	MR1213	MR0923	MR1223	MR1823	MR2423	MR3623	
Indoor Model		MR0913-EU	MR1213-EU	MR0923-EU	MR1223-EU	MR1823-EU	MR2423-EU	MR3623-EU	
Outdoor Model		MR0913-CU	MR1213-CU	MR0923-CU	MR1223-CU	MR1823-CU	MR2423-CU	MR3623-CU	
Power Supply		V/Ph/Hz	115/1/60	115/1/60	220-230/1/60	220-230/1/60	220-230/1/60	220-230/1/60	
Cooling	Capacity	Btu/h	9000	12500	9000	12000	18000	24000	36000
	Input	W	940	1220	942	1256	1880	2510	3140
	Rated Current	A	8.5	10.6	4.28	5.7	8.4	11.4	14.2
	EER	W/W	2.72	2.72	2.70	2.70	2.65	2.60	2.8
	Max. Input Consumption	W	1250	1450	1100	1850	2300	3500	4500
	Max. Current	A	12.5	12.5	5.5	9.0	11.9	17	25.0
Starting Current		A	37	54	20	28.5	41.9	58	71
Compressor	Model	-	ASN84E1VBZ	ASM113E1UDZ	ASN82N2VDZ1	ASM120N2UDZB	PA170M2A-3FT6	PA225M2AS-3MT6	PA291X3CS-3MTU
	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	ROTARY
	Brand	-	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	W	2910	3340	2800/2815	3595/3650	5055/5155	6650/6715	8850/8735
	Input	W	710	1105	680/695	1140/1140	1645/1660	2180/2240	2805/2805
	Rated Current (RLA)	A	7.5	9.5	3.28/3.08	5.55/5.10	8.05/7.35	10.55/10.05	13.6/12.4
	Locked Rotor Amp(LRA)	A	37	54	20	28.5	41.9	58	71
	Thermal Protector	-	BF1350-MH	/	BF765-MA	HPA-622	UP3-64	/	/
	Thermal Protector Position	-	EXTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	50	60	20	40	40	55	55
Refrigerant Oil / Oil Charge		ml	ESTER OIL VG74/210	ESTER OIL VG74/350	ESTER OIL VG68/280	VG74/300	VG74/420	ESTER OIL VG74/620	ESTER OIL VG74/950
Indoor Fan Motor	Model	-	YKFG-15-4-28-1	YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13	YKFG-60-4-1
	Input	W	46	46	47.4	47.4	58.5	89	113
	Capacitor	µF	3	3	1.5	1.5	1.5	3	3.5
	Speed(Hi/Mi/Lo)	r/min	1100/950/800	1150/950/800	<1350	1150/950/800	<1350	<1350	1210/1080/900
Indoor Coil	a. Number of Rows	-	2.0	2.0	2.0	2.0	2.0	2.0	
	b. Tube Pitch(a)x Row Pitch(b)	mm	21x13.37	19.5x11.6	19.5x11.6	19.5x11.6	21x13.37	21x13.37	21x13.37
	c. Fin Spacing	mm	1.2	1.2	1.2	1.2	1.2	1.3	1.2
	d. Fin Type (code)	-	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e. Tube Outside Dia. and Type	mm	Φ7, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube	Φ7, inner groove tube	Φ7, inner groove tube	Φ7, inner groove tube
	f. Coil Length x Height x Width	mm	510x84x13.37+510x189x26.74	595x78x23.2+595x117x23.2	510x78x23.2+510x97.5x23.2	595x78x23.2+595x117x23.2	750x189x26.74+750x105x26.74	780x210x26.74+780x105x26.74	965x189x26.74+965x84x26.74
	g. Number of Circuits	-	2	4	3	4	3	4	5
Indoor Air Flow (Hi/Mi/Lo)		m ³ /h	453/381/307	559/441/353	447/372/295	593/482/388	781/669/508	1100/1050/850	1600/1440/1185
Indoor Noise Level (Hi/Mi/Lo)		dB(A)	38.5/0/26.5	40/34/27	37/33/27	39/34/29	41.5/37/33.5	46.5/42.0/34.0	50.5/46.3/41.5
Indoor Unit	Dimension (W*D*H)	mm	715x194x285	805x194x285	715x194x285	805x194x285	957x213x302	1040*220*327	1259x282x362
	Packing (W*D*H)	mm	780x270x365	870x270x365	780x270x365	870x270x365	1035x295x385	1120*405*310	1340x450x385
	Net/Gross Weight	Kg	7.7/9.9	8.1/9.9	7.4/9.5	8.1/10.2	10.3/13.4	13/16	20.1/25.9
Outdoor Fan Motor	Model	-	YKT-32-6-202L	YKT-32-6-202L	YKT-21-6-10L	YKT-21-6-10L	YKT-48-6-206	YKT-63-6-200L	YKT-63-6-200L
	Input	W	80.2	80.2	55.5	55.5	103.8	136.0	136.0
	Capacitor	µF	5	5	1.5	1.5	3	3	3
	Speed	r/min	850/730	850/730	870	870	890/830	810/720	930
Outdoor Coil	a. Number of Rows	-	1	1	1	1	1	2	
	b. Tube Pitch(a)x Row Pitch(b)	mm	19.5x11.6	19.5x11.6	19.5x11.6	14.5x12.56	19.5x11.6	19.5x11.6	19.5x11.6
	c. Fin Spacing	mm	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	d. Fin Type (code)	-	Unhydrophilic Aluminium	Unhydrophilic Aluminium	Unhydrophilic Aluminium	Unhydrophilic Aluminium	Unhydrophilic Aluminium	Unhydrophilic Aluminium	Unhydrophilic Aluminium
	e. Tube Outside Dia. and Type	mm	Φ5, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube	Φ5, inner groove tube
	f. Coil Length x Height x Width	mm	760x507x11.6	688x507x11.6	676x390x11.6	675x406x12.56	760x507x11.6	760x507x11.6	768x663x23.2
	g. Number of Circuits	-	2	2	2	2	2	2	4
Outdoor Noise Level		dB(A)	51	53	51.5	53	56.5	60	60
Outdoor Unit	Dimension (W*D*H)	mm	770x300x555	700x275x550	681x285x434	681x285x434	770x300x555	845x363x702	845x363x702
	Packing (W*D*H)	mm	900x345x595	815x325x625	795x345x505	795x345x505	900x348x625	965x395x775	965x395x775
	Net/Gross Weight	Kg	24.6/27	24.7/26.9	20.1/22.1	23.7/25.6	33.4/35.8	42.3/45.3	52.5/55.6
	Refrigerant Type	-	R410A/0.48	R410A/0.5	R410A/0.4	R410A/0.46	R410A/0.56	R410A/0.91	R410A/1.42
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant Piping	Liquid Side/ Gas Side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/9.52mm(3/8in)	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	15	20	20	20	25	25	
	Max. Difference in Level	m	5	8	8	8	10	10	
Connection Wiring		-	1.5x3	1.5x3	1.5x3	1.5x3	2.5x3	1.0x3	1.0x4
Plug Type		-	14#x3/no-plug	14#x3/no-plug	16#x3/SP008	16#x3/SP008	1.5x3/no-plug	no-plug	no-plug
Thermostat Type		-	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control	
Operation Temperature		°C	-	-	-	17~30	-	-	17~30
Room Temperature	Indoor (Cooling/Heating)	°C	17~32	17~32	17~32	17~32	17~32	17~32	
	Outdoor (Cooling/Heating)	°C	18~43	18~43	18~43	18~43	18~43	18~43	
Application Area (Cooling Standard)		m ²	12~18	17~24	12~18	16~23	32~47	40~59	
Qty/per 20' /40' /40'HQ		-	110/227/251	114/235/278	132/280/318	124/267/300	86/180/208	64/136/146	54/110/127

