

Model		MSR2i-07HRN1	MSR2i-09HRN1	MSR2i-12HRN1	MSR2i-18HRN1	MSR2i-24HRN1	MSR2i-28HRN1	
Indoor		MSR2i-07HRN1	MSR2i-09HRN1	MSR2i-12HRN1	MSR2i-18HRN1	MSR2i-24HRN1	MSR2i-28HRN1	
Outdoor		MOK2i-07HN1	MOK2i-09HN1	MOB2i-12HN1	MOB2i-18HN1	MOP1i-24HN1	MOFI-28HN1	
Power supply		Ph-V-Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	1Ph, 220-240V~, 50Hz	220-240V~ 50Hz, 1Ph	1Ph, 220-240V~, 50Hz	220-240V~ 50Hz, 1Ph
Cooling	Capacity	Btu/h	7000	9000	11000	18000	24000	28000
	Input	W	640	820	1000	1640	2500	2725
	Rated current	A	2.9	3.7	4.2	7.6	11.5	12.4
	EER	W/W	3.21	3.21	3.21	3.21	2.81	3.01
Heating	Capacity	Btu/h	7500	9500	11000	18000	27000	29000
	Input	W	609	770	890	1460	2470	2490
	Rated current	A	2.8	3.5	3.8	6.8	11.5	11.6
	COP	W/W	3.61	3.62	3.63	3.61	3.21	3.41
Moisture Removal		L/h	0.8	1.0	1.1	1.8	2.6	3.0
Max. input consumption		W	900	1100	1400	2300	3450	3200
Max. current		A	4.4	5.5	7.0	12.0	18.0	16.8
Starting current		A	----	----	19,2	25.9	61	60
Compressor	Model		PA82X1C-4DZDE	PA103M1C-4DZDE2	PA118M1C-4FZ2	PA185M2C-4FT2	PA290G2CS-4MU1	PA270G2CS-4MU1
	Type		ROTARY	Rotary	ROTARY	ROTARY	ROTARY	роторный
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	Btu/h	6551/6653	8462/8513	9495/9605	15712/15848	24771	23287/23458
	Input	W	660/680	840/865	955/995	1490/1515	2430	2235/2385
	Rated current(RLA)	A	3.04/2.85	3.88/3.75	4.5/4.4	6.90/6.50	116.5	10.55/11.15
	Locked rotor Amp(LRA)	A	----	----	19,2	25.9	66	60
	Thermal protector		B135-135-241E / MRA13408-9087	B160-135-241E	----	----	UP14SE5145	---
	Thermal protector position		EXTERNAL	EXTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	uF	25	25	25	35	50	60
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 / 350	ESTER OIL VG74 350cc	ESTER OIL VG74/350	ESTER OIL VG74 480cc	ESTER OIL VG74 / 850	STER OIL VG74/850 CC
Indoor fan motor	Model		RPG20E	RPG20E	RPG20E	RPG28R	YDK36-4C	YDK36-4C(A)
	Brand		Welling	Welling	Welling	Welling	Welling	Welling
	Input	W	45	45	45	71	72/65/58	72/70/54
	Capacitor	uF	1.5	1.5	1.5	1.5	3	3.0
	Speed(Hi/Mi/Lo)	r/min	1050/900/800	1250/1000/850	1250/1100/850	1250/1050/850	1235/1145/1045	1260 / 1210 / 1020
Indoor coil	a.Number of rows		2	2	2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3	1.3	1.4	1.2
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	φ7, innergroove tube	φ7, innergroove tube	φ7,innergroove tube	φ7,innergroove tube	φ7, innergroove tube	φ7, innergroove tube
	f.Coil length x height x width	mm	637*210*26.74	637*210*26.74	637X273X26.74	769x273x26.74	799x357x26.74	799x357x26.74
	g.Number of circuits		2	2	2	3	4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	350/300/260	480/380/330	580/500/400	750/630/510	1150/1080/1020	1050/1000/850

Indoor unit		dB(A)	38/35/32	40/37/34	41/38/35	47/43/36	49/46/43	48/43/41
Indoor unit	Dimension(W*D*H)	mm	790x190x275	790x190x275	790x190x275	930x198x275	1030x221x313	1036x230x315
	Packing (W*D*H)	mm	865x265x350	865x265x350	865x265x350	1015x265x350	1135x435x315	1135x435x315
	Net/Gross weight	Kg	8.5/10.5	8.5/10.5	9/11	10 / 13.5	13.5/20	13 / 17
Outdoor fan motor	Model		YDK25-4	YDK24-6T	YDK24-6F	YDK24-6F(B)	YDK100-6D	YDK53-6C
	Brand		Welling	Welling	Welling	Welling	Broad-ocean	Welling
	Input	W	52	66	58	63	167	136
	Capacitor	uF	2	2.5	2.5	2.5	5	3
	Speed	r/min	965	815	800	800 / -- / --	900/750	800
Outdoor coil	a.Number of rows		1	1	1	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.4	1.4	1.4	1.5	1.4	1.4
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	φ9.52, innergroove tube	φ7, innergroove tube	φ7, innergroove tube	φ7,innergroove tube	φ7,inner groove tube	φ7.94, innergroove tube
	f.Coil length x height x width	mm	667x406x22	694*504*13.37	755x504x13.37	754x504x26.74	785x651x26.74	785x651x26.74
	g.Number of circuits		2	2	2	4	4	4
Outdoor air flow	m3/h	1300	1650	1800	2000	3200	2700	
Outdoor noise level	dB(A)	53	53	54	55	59	61	
Outdoor unit	Dimension(W*D*H)	mm	685x260x430	700x235x535	780x250x540	780x250x540	842x324x695	845x320x700
	Packing (W*D*H)	mm	795x345x495	815x325x580	910x335x575	910x335x585	965x395x755	965x395x755
	Net/Gross weight	Kg	24/26.5	24.5/26.5	26/28	33.5 / 35.5	48/54.5	49 / 52.5
Refrigerant type	g	R410A/680g	R410A/620g	R410A/790g	R410A/1130g	R410A/1800g	R410A/1690g	
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)	φ6.35/φ9.53(1/4"/3/8")	φ6.35/φ9.53(1/4"/3/8")	φ6.35 / φ12.7(1/4"/1/2")	φ6.35/φ12.7(1/4"/1/2")	φ9.53/φ16.0(3/8"/5/8")	φ9.52/φ16(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	20	20	25	25
	Max. difference in level	m	8	8	8	8	15	10
Thermostat type		Remote control	Remote control	Remote control	Remote Control	Remote control	Remote control	
Operation temp	C	17-30	17-30	17-30	17-30	17-30	17-30	
Ambient temp (cooling/heating)	C	+18- +43/-7- +24	+18- +43/-7- +24	+18- +43/-7- +24	+18- +43/-7- +24	+18- +43/-7- +24	+18- +43/-7- +24	
<b>Ambient temp (cooling/heating)for -v</b>	C		<b>-25 +43/-7- +24</b>	<b>-25 +43/-7- +24</b>	<b>-25 +43/-7- +24</b>		<b>-25 +43/-7- +24</b>	