



Xtreme Fixed Speed

Code		22022010014378	22022010014377	22022010014759	22022010014837
Indoor code		22022011015362	22022011015541	22022011015941	22022011016021
outdoor code		22022016015340	22022016015520	22022016015881	22022016015980
Indoor		MSAGA-09HRN1-QC2	MSAGB-12HRN1-QC0	MSAGC-18HRN1-QC0	MSAGD-24HRN1-QC0W
Outdoor		MOX132-09HN1-QC2	MOX130-12HN1-QC0	MOX230-18HN1-QC0	MOX430-24HN1-QC0W
Power supply		Ph-V-Hz 220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Cooling	Capacity	W 2630	3520	5010	6780
	Input	W 819	1169	1664	2223
	Rated current	A 3.59	5.17	7.38	9.86
	EER	W/W 3.21	3.01	3.01	3.05
Heating	Capacity	W 2540	3525	5100	7000
	Input	W 704	976	1496	2115
	Rated current	A 3.08	4.32	6.64	9.38
	COP	W/W 3.61	3.61	3.41	3.31
Max. input consumption		W 1200	1750	2950	3000
Max. current		A 7.0	9.0	15.5	16
Starting current		A 20	25	41.8	55
Compressor	Model	ASM99V1VDZ	ASM140V1VDZ	KSF190V1VETB	KTG250V1VMP
	Type	ROTARY	ROTARY	ROTARY	Twin Rotary
	Brand	GMCC	GMCC	GMCC	GMCC
	Capacity	W 2770/2790	4060/4060	5425 / 5440	7715
	Input	W 660/672	955/995	1280 / 1345	1835
	Rated current(RLA)	A 3.05/2.85	4.35/4.20	5.9 / 5.85	8.4
	Locked rotor Amp(LRA)	A 20	25.0	38	55
	Thermal protector	BF750-MH	UP3-21/HPA -522	/	/
	Thermal protector position	INTERNAL	INTERNAL	/	INTERNAL
	Capacitor	µF 25.0	35.0	45	60
Refrigerant oil/oil charge	ml	ESTER OIL VG74/300	ESTER OIL VG74/320	ESTER OIL VG74/410	ESTER OIL VG74/720
Indoor fan motor	Model	YKFG-20-4-5-19	YKFG-20-4-5-21	YKFG-28-4-3-14	YKFG-45-4-22-13
	Input	W 43.0	/	71.0	77.0
	Capacitor	µF 1.5	1.5	1.5	3
	Speed(Hi/Mi/Lo)	r/min 1200/1050/850	1100/950/800	1200/950/850	1120/1020/950
Indoor coil	a.Number of rows	2	2	2.0	2
	b.Tube pitch(a)x row pitch(b)	mm 21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm 1.3	1.3	1.2	1.3
	d.Fin type (code)	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm 84x13.37+525x105x26.74+525x105x26.74	605x210x26.74+605x105x26.74	750x210x26.74+750x126x26.74	820x210x26.74+820x126x26.74
	g.Number of circuits	2	2	4	4
Indoor air flow (Hi/Mi/Lo)		m3/h 550/466/325	570/500/380	820/545/455	1121/997/911
Indoor noise level (Hi/Mi/Lo)		dB(A) 40/36/31.5	41/36/28.5	44.5/38.5/30	48.5/42/39
Indoor unit	Dimension(W*D*H)	mm 729x200x292	802x200x295	971x228x321	1082x234x337
	Packing (W*D*H)	mm 790x270x375	875x285x380	1045x305x405	1155x415x315
	Net/Gross weight	Kg 8.5/10.8	9.3/11.7	12.3/15.5	14.7/18.3
Outdoor fan motor	Model	YKT-25-6-51-3	YKT-25-6-51-3	YKT-48-6-219-1	YKT-60-6-21
	Input	W 63.0	63.0	/	/
	Capacitor	µF 2	2	3	5
	Speed	r/min 820	820	890	850
Outdoor coil	a.Number of rows	1	1	1.6	1.6
	b.Tube pitch(a)x row pitch(b)	mm 21x13.37	21x22	21x13.37	21x13.37
	c.Fin spacing	mm 1.4	1.3	1.4	1.3
	d.Fin type (code)	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm 750x462x13.37	740x462x22	755*504*13.37+475*504*13.37	910*40.11*609
	g.Number of circuits	2	2	4	5
Outdoor air flow		m3/h 1800	1800	2200	4200
Outdoor noise level		dB(A) 54	55	58.5	59
Outdoor unit	Dimension(W*D*H)	mm 720x270x495	720x270x495	765x303x555	890x342x673
	Packing (W*D*H)	mm 835x300x540	835x300x540	887x337x610	995x398x740
	Net/Gross weight	Kg 26.6/28.4	27.1/28.9	34.8/37.3	52.9/55.5
Refrigerant type		Kg R410A/0.67	R410A/0.65	R410A/1.14	R410A/1.65
Design pressure		MPa //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)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m 10	10	20	25
	Max. difference in level	m 8	8	8	10
Connection wiring		1.5x3/0.75x2	1.5x3/0.75x2	2.5x3/0.75x2	1.5x4//
Plug type		1.5x3/no-plug	1.5x3/no-plug	2.5x3/no-plug	//no-plug
Thermostat type		遙控式(Remote Control)	遙控式(Remote Control)	遙控式(Remote Control)	遙控式(Remote Control)
Operation temperature		℃ 17~30	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	℃ 16~32/0~30	16~32/0~30	16~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	℃ 18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area (Cooling Standard)		m <sup>2</sup> 11~17	15~22	23.0~33.0	29~43
Qty'per 20' /40' /40'HQ		138/282/312	130/276/302	88/186/220	64/134/156