

			MAS12C1AGO	MAS12C2AGO	MAS18C2AGO	MAS24C2AGO	MAS12H1AGO	MAS12H2AGO	MAS18H2AGO	MAS24H2AGO
Power supply		Ph-V-Hz	12K 115V COOLING ONLY 115V, 1Ph, 60Hz	12K 220V COOLING ONLY 220-230V, 1Ph, 60Hz	18K 220V COOLING ONLY 220-230V, 1Ph, 60Hz	24K 220V COOLING ONLY 220-230V, 1Ph, 60Hz	12K 115V HEAT PUMP 115V, 1Ph, 60Hz	12K 220V HEAT PUMP 220-230V, 1Ph, 60Hz	18K 220V HEAT PUMP 220-230V, 1Ph, 60Hz	24K 220V HEAT PUMP 220-230V, 1Ph, 60Hz
Cooling	Capacity	Btu/h	11500	11500	17000	24000	11500	11500	17000	24000
	Input	W	1056	1056	1570	2210	1040	1040	1500	2200
	Rated current	A	9.2	4.60	6.7	9.8	9.2	4.6	6.6	9.8
	EER	W/W	3.19	3.19	3.17	3.18	3.24	3.24	3.32	3.2
	SEER	W/W	12.0	12.0	11.8	11.9	12.0	11.75	12.2	12
Heating	Capacity	Btu/h	-	-	-	-	11000	11000	16000	26000
	Input	W	-	-	-	-	960	970	1450	2450
	Rated current	A	-	-	-	-	8.5	4.4	6.4	10.7
	EER	W/W	-	-	-	-	3.36	3.32	3.23	3.11
	COP	W/W	-	-	-	-	3.36	3.32	3.23	3.11
Max. input consumption	W	1770	1800	2270	3500	1510	1730	2200	3500	
Max. current	A	18.4	9.2	12.0	18	16.8	8.8	13	18	
Starting current	A	5	8	35.6	56.0	51	24	35	56	
Compressor	Model		KSM106E2UDZK	KSM106N1VDZK	PA155M2A-3ETL1	PA236G2C-3MTL	KSM106E2UDZK	KSM106N1VDZK	ASL152DG-C7EU3	PA236G2C-3MTL
	Type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	HIGHLY	GMCC
	Capacity	W	3680	3970	5395/5430	8174/8280	3680	3970	4980	8174/8260
	Input	W	860	935	1255/1270	1865/1885	860	935	1235	1865/1885
	Rated current(RLA)	A	4	4	6.10/5.65	9.15/8.40	4.2	4.12	5.4	9.15/8.40
	Locked rotor Amp(LRA)	A	51	24	35.6	62	51	24	7	62
	Thermal protector		UP3-27/HPA-544	UP3-41 or HPA-622	HPA -732H	UP3-68	UP3-27/HPA-544	UP3-41 or HPA-622	/	UP3-68
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	70	35	50.0	60.0	70	35	40.0	60.0
Refrigerant oil/oil charge	ml	VG68/300	ESTER OIL VG68 300	ESTER OIL VG74/290	VG74/620	VG68/300	ESTER OIL VG68 300	480	VG74/620	
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13	YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13
	Input	W	46.0	47.4	58.5	89.0	46.0	47.4	58.5	89.0
	Capacitor	µF	3	1.5	1.5	3	3	1.5	1.5	3
	Speed(Hi/Mi/Lo)	r/min	1150/1000/800	1250/1150/1000/800	1280/1200/1000/850	1230/1200/1020/950	1150/1000/800	1150/1000/800	1200/1000/850	1200/1020/950
	a.Number of rows		2	2	2	2.0	2	2	2	2.0
Indoor coil	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	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	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	605x210x26.74+605x105x26.74	605x210x26.74+605x105x26.74	750x210x26.74+820x126x26.74	820x210x26.74+820x126x26.74	605x210x26.74+605x105x26.74	605x210x26.74+605x105x26.74	750x210x26.74+750x126x26.74	820x210x26.74+820x126x26.74
g.Number of circuits		2	2	4	4	2	2	4	4	
Indoor air flow (Hi/Mi/Lo)	m ³ /h	560/480/370	533/457/353	822/669/546	1177/963/875	560/480/370	560/480/370	850/680/560	1160/950/870	
Indoor noise level (Hi/Mi/Lo)	dB(A)	39.5/35.5/30.5	42.5/38/32.5	44.0/39.0/34.0	49.0/45.0/42.0	41/37/31	41/37/31	50/45/42	50/45/42	
Indoor unit	Dimension(W*D*H)	mm	802x200x295	802x200x295	971x228x321	1082x234x337	802x200x295	802x200x295	971x228x321	1082x234x337
	Packing (W*D*H)	mm	875x285x380	875x285x380	1045x305x405	1155x415x315	875x285x380	875x285x380	1045x305x405	1155x415x315
	Net/Gross weight	Kg	9.0/11.5	9.2/11.6	11.9/15.2	14.6/18.3	9.0/11.5	9.0/11.5	12.0/15.0	14.5/18.2
Outdoor fan motor	Model		YKT-32-6-229L	YKT-25-6-51-3	YKT-48-6-206-6	YKT-60-6-41	YKT-32-6-229L	YKT-48-6-236L	YKT-48-6-219-1	YKT-60-6-41
	Input	W	80.2	63.0	103.8	150.0	80.2	/	/	150.0
	Capacitor	µF	6	2.5	4	2.5	4	2.5	2.5	4
	Speed	r/min	850	780	880	900/840	850	850	800	900
	a.Number of rows		2.0	2.0	2.0	1.6	2.0	2.0	2.0	2
Outdoor coil	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	19.5x11.6	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1.4	1.4	1.4	1.4	1.4
	d.Fin type (code)		Unhydrophilic aluminum	Unhydrophilic aluminum	Unhydrophilic aluminum	Unhydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	744*468*11.6+726*468*11.6	744*468*11.6+726*468*11.6	760x507x23.2	1015x756x13.37+598x756x13.37	740x462x26.74	740x462x26.74	870*504*26.74	1005x756x13.37+985x756x13.37
g.Number of circuits		2	2	4	4	2	2	4	6	
Outdoor air flow	m ³ /h	1800	1800	2100	4000	1800	1800	2500	4000	
Outdoor noise level	dB(A)	52	53.5	57.0	59.0	55	55	57	59	
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	770x300x555	946x410x810	720x270x495	720x270x495	805x330x554	946x410x810
	Packing (W*D*H)	mm	835x300x540	835x300x540	900x348x825	1090x500x885	835x300x540	835x300x540	915x370x615	1090x500x885
	Net/Gross weight	Kg	27/28.9	27/28.9	35.2/38.1	58.4/63.1	28.7/30.6	28.7/30.6	39.3/42.1	61.4/66
Refrigerant type	Kg	R410A/0.75	R410A/0.75	R410A/0.96	R410A/1.8	R410A/1.1	R410A/1.1	R410A/1.1	R410A/1.48	R410A/2.1
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	4.2/1.5	4.2/1.5	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	6.35mm(1/4in)/12.7mm(1/2in)	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	25	20	20	25	20	20	20	25
Max. difference in level	m	10	8	8	10	8	8	8	8	
Connection wiring		14#x3//	16#x3//	1.5x3//	1.0x4//	14#x3/0.75x2	16#x3/0.75x2	1.5x3/0.75x2	1.0x4//	
Plug type		14#x3/SP007弯插	16#x3/SP008弯插	1.5x3/no-plug	//no-plug	14#x3/SP007弯插	16#x3/SP008弯插	1.5x3/no-plug	//no-plug	
Thermostat type		遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)	遥控式(Remote Control)	
Operation temperature	℃	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	
Room temperature	Indoor(cooling/heating)	℃	17~32//	17~32//	17~32//	17~32//	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Outdoor(cooling/heating)	℃	18~43//	18~43//	18~43//	18~43//	18~43/-7~24	18~43/-7~24	18~43/-7~24	18~43/-7~24
Application area (Cooling Standard)	m ²	15~22	15.0~22.0	24~35	32~47	15~22	15~22	23~33	32~47	
Qty per 20' /40' /40'HQ		130/276/302	130/276/302	88/180/208	44/90/113	130/276/302	130/276/302	86/174/204	44/90/113	