

			MAS12C1ASP/ASR	MAS12H1ASP/ASR	MAS12C2ASP/ASR	MAS12H2ASP/ASR	MAS18C2ASP/ASR	MAS18H2ASP/ASR	MAS24C2ASP/ASR	MAS24H2ASP/ASR
			CO	HP	CO	HP	CO	HP	CO	HP
Power supply		Ph-V-Hz	115V,1Ph,60Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Cooling	Capacity	Btu/h	12000	12000	12000	12000	18000	17000	24000	24000
	Input	W	1080	1090	1075	1075	1660	1560	2200	2200
	Rated current	A	9	9.50	4.7	4.70	7	6.80	9.8	9.8
	SEER	W/W	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
	Capacity	Btu/h	/	12000	/	12000	/	17000	/	26000
Heating	Input	W	/	1035	/	1012	/	1510	/	2380
	Rated current	A	/	9	/	4.40	/	6.60	/	10.5
	COP	W/W	/	3.40	/	3.47	/	3.30	/	3.2
	Max. input consumption	W	1770	1510	1800	1730	2270	2200	3400	3400
Max. current	A	18.4	16.8	9.2	8.8	12	13	19.5	19.5	
Starting current	A	51	51	24	24	36	35	56	56	
Compressor	Model		KSM106E2UDZK	KSM106E2UDZK	KSM106N1VDZK	KSM106N1VDZK	PA155M2A-3ETL1	ASL152-C7EU3	PA236G2C-3MTL	PA236G2C-3MTL
	Type		Rotary	Rotary	Rotary	Rotary	ROTARY	ROTARY	Rotary	Rotary
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	HIGHLY	GMCC	GMCC
	Capacity	W	3680	3680	3970	3970	5395/5430	4900	8260	8260
	Input	W	860	860	935	935	1255/1270	1235	1885	1885
	Rated current(RLA)	A	4.2	4.2	4.12	4.12	6.10/5.65	5.4	8.4	8.4
	Locked rotor Amp(LRA)	A	51	51	24	24	36	35	56	56
	Thermal protector		UP3-27/HPA-544	UP3-27/HPA-544	UP3-41 or HPA-622	UP3-41 or HPA-622	HPA -732H	HPA-530	UP3-68	UP3-68
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	70	70	35	35	50	40	60	60
	Refrigerant oil/oil charge	ml	VG68/300	VG68/300	ESTER OIL VG68 300	ESTER OIL VG68 300	ESTEL OIL VG74/290	HAF68D1/480	VG74/620	VG74/620
Indoor fan motor	Model		YKFG-15-4-28	YKFG-15-4-28	YKFG-20-4-10L	YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-28-4-6-5	YKFG-45-4-13	YKFG-45-4-13
	Input	W	46	46	47.4	58.5	59	59	89	89
	Capacitor	uF	3	3	1.5	1.5	2	2	3	3
	Speed(Hi/Mi/Lo)	r/min	1120/1000/800	1120/1000/800	1200/1000/800	1200/1000/800	1200/950/850	1200/950/850	1200/1020/950	1200/1020/950
Indoor coil	a.Number of rows		2	2	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	21x13.37	21x13.37
	c.Fin spacing	mm	1.3	1.3	1.3	1.3	1	1	1.3	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+605x84x26.74	05x210x26.74+605x84x26.74	05x210x26.74+605x84x26.74	05x210x26.74+605x84x26.74	750x210x26.74+750x126x26.74	750x210x26.74+750x126x26.74	802x210x26.74+820x126x26.74	820x210x26.74+820x126x26.74
	g.Number of circuits		3	3	3	3	4	4	4	4
Indoor air flow (Hi/Mi/Lo)	m3/h	550/470/350	550/470/350	590/470/350	590/470/350	841/642/560	841/642/560	1180/973/897	1180/973/897	
Indoor noise level (Hi/Mi/Lo)	dB(A)	38/34/26	38/34/26	39.5/34.5/26.5	39.5/34.5/26.5	44.5/37/34.5	44.5/37/34.5	48/45/40	48/45/40	
Indoor unit	Dimension(W*D*H)	mm	802x189x297	802x189x297	802x189x297	805x194x285	965x215x319	1040x220x327	1040x220x327	1040x220x327
	Packing (W*D*H)	mm	875x285x375	875x285x375	875x285x380	870x270x360	1045x305x410	1045x305x410	1120x405x310	1120x405x310
	Net/Gross weight	Kg	9.1/11.5	9.1/11.6	9.1/11.6	11.7/15.1	11.7/15.1	11.7/15.1	14.5/18.2	14.5/18.2
Outdoor fan motor	Model		YKT-32-6-229L	YKT-32-6-229L	YKT-24-6-236L	YKT-24-6-236L	YKT-48-6-206-6	YKT-48-6-219-1	YKT-60-6-41	YKT-60-6-41
	Input	W	80.2	80.2	63.5	83.5	104	104	150	150
	Capacitor	uF	6	6	2.5	2.5	3	3	4	4
	Speed	r/min	850	850	800	840	880	880	910	910
Outdoor coil	a.Number of rows		1	2.0	1	2.0	2	2	1.6	2.0
	b.Tube pitch(a)x row pitch(b)	mm	14.5x12.56	21x13.37	14.5x12.56	21x13.37	19.5x11.6	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.4	1.2	1.4	1	1	1.4	1.4
	d.Fin type (code)		Unhydrophilic aluminium	Hydrophilic aluminum	Unhydrophilic aluminium	Hydrophilic aluminum	Unhydrophilic aluminium	Hydrophilic aluminum	Unhydrophilic aluminium	Hydrophilic aluminum
	e.Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube	Φ5,Inner groove tube	Φ7,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	750x464x12.56	740x462x26.74	750x464x12.56	740x462x26.74	760x507x23.2	870*504*26.74	15x756x13.37+598x756x13.37	1005x756x13.37+985x756x13.37
	g.Number of circuits		2	2	2	2	4	4	4	6
Outdoor air flow	m3/h	2400	2400	2400	2400	0	2500	3575	3500	
Outdoor noise level	dB(A)	53	53.5	53.5	54	57	57	60	60	
Outdoor unit	Dimension(W*D*H)	mm	720*495*270	720*495*270	720x270x495	720*495*270	770x300x555	883*346*554	946x410x810	946x410x810
	Packing (W*D*H)	mm	835*300*540	835*300*540	835x300x540	835*300*540	900x348x625	915*370*615	1090x500x875	1090x500x875
	Net/Gross weight	Kg	25.9/27.8	28.7/30.6	25.9/27.9	28.7/30.6	35.2/38.1	N/A	58.4/63.1	61.4/66.0
Refrigerant type	Kg	R410A/0.6	R410A/1.1	R410A/0.6	R410A/1.1	R410A/0.96	R410A	R410A	R410A/1.8kg	R410A/2.1kg
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)	3.5mm(1/4in)/12.7mm(1/2in)	3.5mm(1/4in)/12.7mm(1/2in)	3.5mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	5.2mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	10	10	25	10	20	20	20	20
	Max. difference in level	m	5	5	10	5	8	8	10	10
Connection wiring						1.5x3//				
Power cord & Plug type		NO	NO	16#x3/SP008	NO	1.5x3/no-plug	1.5x3/no-plug	NO	NO	
Thermostat type		Remote Control	Remote Control	Remote Control	Remote Control	遙控式(Remote Control)	遙控式(Remote Control)	Remote Control	Remote Control	
Operation temperature	℃	17~30	17~30	17~30	17~30	17~30	17~30	17~30	17~30	
Room temperature	℃	17~32	17~32	17~32	17~32	17~32//	17~32//	17~32	17~32	
Indoor(cooling/ heating)	℃	18~43	18~43	18~43	18~43	18~43//	18~43//	18~43	18~43	
Outdoor(cooling/heating)	℃	18~43	18~43	18~43	18~43	18~43	18~43	18~43	18~43	
Application area (Cooling Standard)	m2	16~23	16~23	15~22	24~35	22~32	22~32	31~45	31~45	