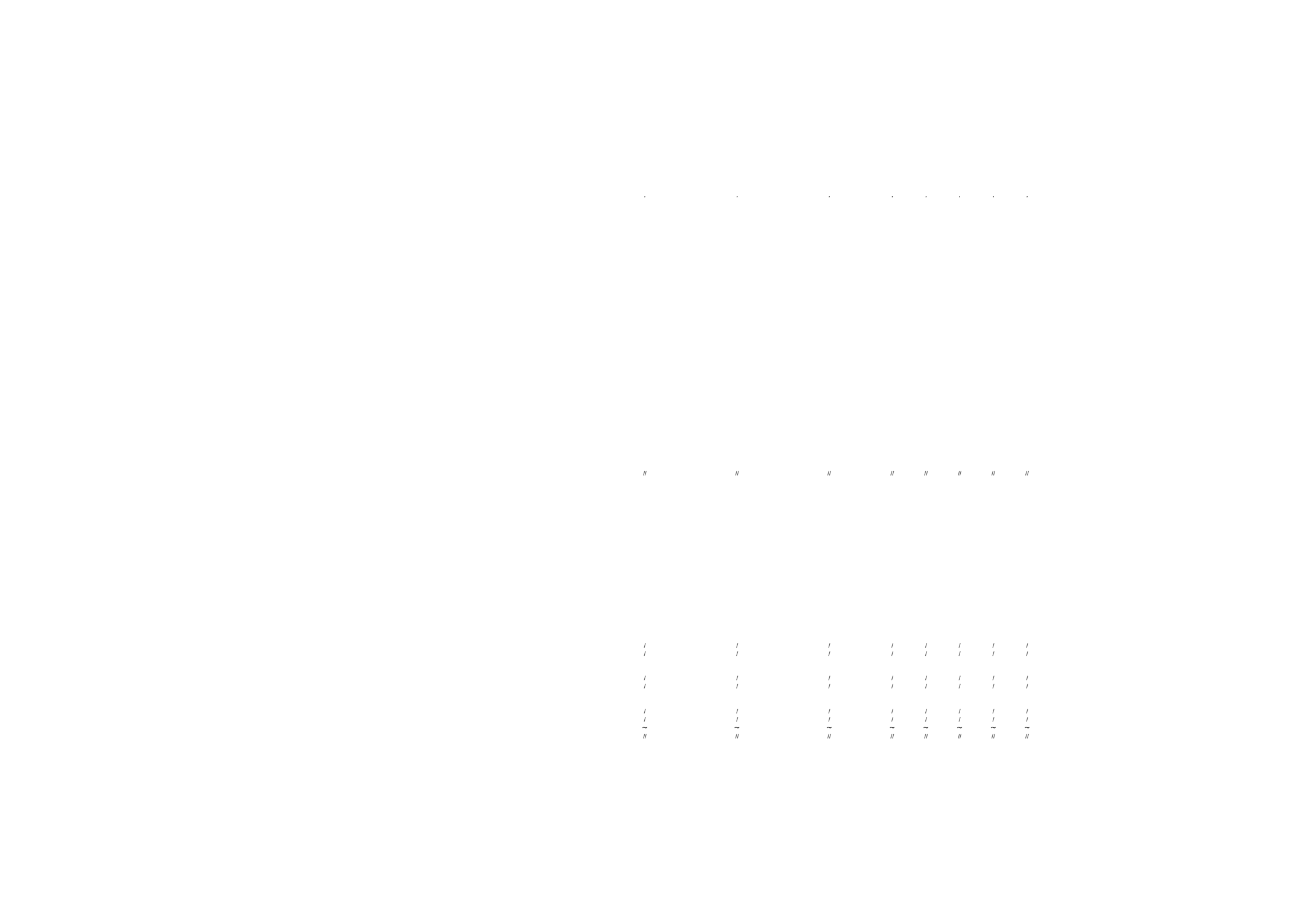			MAS12C1FFV	MAS12H1FFV	MAS12C2FFV	MAS12H2FFV	MAS18C2FFV	MAS18H2FFV	MAS24C2FFV	MAS24H2FFV
Power supply		Ph-V-Hz	115V,1Ph,60Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Cooling	Capacity	Btu/h	12000	12000	12000	12000	17000	17000	22000	22000
	Input	W	1105	1302	1200	1100	1718	1792	2080	2150
	Rated current	A	9.6	11.3	5.2	4.8	7.47	7.79	9	9.35
	EER	W/W	3.18	2.7	2.93	3.2	2.9	2.78	3.1	3
Heating	Capacity	Btu/h	/	13000	/	12000	/	17000	/	22000
	Input	W	/	1313	/	1150	/	1634	/	1842
	Rated current	A	/	11.4	/	5	/	7.1	/	8
	COP	W/W	/	2.9	/	3.06	/	3.05	/	3.4
Max. input consumption		W	1800	1800	1600	1600	2645	2645	2460	2600
Max. current		A	16.5	16.5	7.5	7.5	11.5	11.5	13.5	13.5
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSK89D29UEZD	ASK89D53UEZ	KSN140D21UFZ	KSN140D21UFZ	ATN150D30UFZA	ATN150D30UFZA
	Type		/	/	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	W	/	/	2805	2645	4385	4385	4500	4500
	Input	W	/	/	735	682	1140	1140	1160	1160
	Rated current(RLA)	A	/	/	5.05	4.9	7.5	7.5	8	8
	Locked rotor Amp(LRA)	A	/	/	/	/	/	/	/	/
	Thermal protector		/	/	/	/	/	/	/	/
	Thermal protector position		/	/	NA	NA	/	/	NA	NA
	Capacitor	μF	/	/	/	/	/	/	/	/
	Refrigerant oil/oil charge	ml	/	/	VG74/170	VG74/280	VG74 440	VG74 440	VG74/450	VG74/450
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-28-4-6-5	YKFG-45-4-13	YKFG-45-4-13
	Input	W	46.0	46	47.4	47.4	58.5	58.5	89	89
	Capacitor	uF	3	3	1.5	1.5	1.5	1.5	3	3
	Speed(Hi/Mi/Lo)	r/min	1180/950/750	1180/950/750	1200/1050/900	1200/950/750	1200/1000/850	1200/1000/850	1200/1100/800	1200/1000/800
Indoor coil	a.Number of rows		2	2	2	2	2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1.2	1.2	1.2	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	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	Φ7,Inner groove tube
	f.Coil length x height x width	mm	x78x23.2+595x117x23.2+595x78x	x78x23.2+595x117x23.2+595x78x	4x13.37+598x105x26.74+598x105	4x13.37+598x105x26.74+598x105	750x189x26.74+750x105x26.74	750x189x26.74+750x105x26.74	780x210x26.74+780x105x26.74	780x210x26.74+780x105x26.74
	g.Number of circuits		4	4	3	3	3	3	4	4
Indoor air flow (Hi/Mi/Lo)		m3/h	500/400/290	540/410/300	590/460/340	580/430/310	813/639/515	818/649/529	995/799/608	1030/817/610
Indoor noise level (Hi/Mi/Lo)		dB(A)	41/35/25	39.5/32.5/24.5	39/35.5/31.5	40.5/33.0/27.0	43/37/31.5	43/37.5/32	45.5/40/32.5	46.5/41.5/33.5
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	805x194x285	805x194x285	957x213x302	957x213x302	1040x220x327	1040x220x327
	Packing (W*D*H)	mm	870x270x365	870x270x365	870x270x365	870x270x365	1035x295x385	1035x295x385	1120x405x315	1120x405x315
	Net/Gross weight	Kg	7.7/9.9	7.7/9.9	8.0/10.2	8.0/10.2	10.4/13.4	10.4/13.3	13.1/16.5	13.1/16.5
Outdoor fan motor	Model		ZKFN-34-8-1-3	YKT-32-6-202L	ZKFN-34-8-1-3	ZKFN-34-8-1-3	YKT-32-6-3L	YKT-32-6-3L	YKT-63-6-200L	YKT-63-6-200L
	Input	W	/	80.2	/	/	77.5	77.5	136	136
	Capacitor	uF	0	6	/	/	2.5	2.5	3	3
	Speed	r/min	850/750	850/730	850/650	850/650	860/740	850/770	930/830	930/840
Outdoor coil	a.Number of rows		1.0	1	1	1	2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x13.37	14.5x12.56	21x22	19.5x11.6	21x13.37	19.5x11.6	21x13.37
	c.Fin spacing	mm	1.2	1.4	1.2	1.2	1.2	1.4	1.2	1.4
	d.Fin type (code)		Unhydrophilic aluminium	Hydrophilic aluminum	Hydrophilic aluminum	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	Φ5,Inner groove tube	Φ7,Inner groove tube
	f.Coil length x height x width	mm	760x507x11.6	755*504*13.37	675x406x12.56	680*22*504	760x507x23.2	755*504*13.37+685*504*13.37	768x663x23.2	735*248*660
	g.Number of circuits		3	2	2	2	4	4	4	4
Outdoor air flow		m3/h	2000	2000	1300	2000	/	/	3100	/
Outdoor noise level		dB(A)	52.5	53	55	57.5	54	53.5	57	57
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	681x285x434	700x275x550	770x300x555	770x300x555	845x363x702	845x363x702
	Packing (W*D*H)	mm	900x345x595	900x348x625	795x345x505	815x325x625	900x348x625	900x348x625	965x395x775	965x395x775
	Net/Gross weight	Kg	25.2/27.5	26.8/29.2	18.8/20.8	22.9/25.3	27.9/30.8	29.2/32.1	39.1/42.6	40.4/43.8
Refrigerant type		Kg	R410A/0.50	R410A/0.8	R410A/0.52	R410A/0.62	R410A/0.85	R410A/1.3	R410A/1.16	R410A/1.65
Design pressure		MPa	//1.2	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)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	15.9mm(5/8in)/9.52mm(3/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	20	25	25	30	30	25	25
	Max. difference in level	m	10	10	10	10	20	20	10	10
Connection wiring			16#x4//	16#x4/0.5x4	16#x4//	16#x4//	16#x4//	16#x4//	16#x4//	16#x4//
Plug type			//no-plug	//no-plug	14#x3/no-plug	14#x3/no-plug	//no-plug	//no-plug	//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				
Room temperature	Indoor(cooling/ heating)	℃	17～32//	17～32/0～30	///	17～32//	17～32//	17～32//	17～32//	17～32/0～30
	Outdoor(cooling/heating)	℃	18～43//	18～43/-15～30	///	18～43//	0～50//	0～50//	18～43//	18～43/-15～30
Application area (Cooling Standard)		m^2	16～23	16～23	16～23	16～23	23～33	23～33	29～43	29～43
Qty'per 20' /40' /40'HQ			110/227/244	110/227/244	124/267/300	114/235/278	86/180/208	86/180/208	64/136/146	64/136/146