

			CAS12C1FFH	CAS12H1FFH	CAS12C2FFH	CAS12H2FFH
Power supply	Ph-V-Hz		115V,1Ph,60Hz	115V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz
Cooling	Capacity	Btu/h	12000	12000	12000	12000
	Input	W	1105	1302	1200	1100
	Rated current	A	9.6	11.3	5.2	4.8
	EER	W/W	3.18	2.7	2.93	3.2
Heating	Capacity	Btu/h	/	13000	/	12000
	Input	W	/	1313	/	1150
	Rated current	A	/	11.4	/	5
	COP	W/W	/	2.9	/	3.06
Max. input consumption	W		1800	1800	1600	1600
Max. current	A		16.5	16.5	7.5	7.5
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSK89D29UEZD	ASK89D53UEZ
	Type		/	/	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	/	/	2805	2645
	Input	W	/	/	735	682
	Rated current(RLA)	A	/	/	5.05	4.9
	Locked rotor Amp(LRA)	A	/	/	/	/
	Thermal protector		/	/	/	/
	Thermal protector position		/	/	NA	NA
	Capacitor	µF	/	/	/	/
Refrigerant oil/oil charge	ml	/	/	VG74/170	VG74/280	
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-15-4-28-1	YKFG-20-4-10L	YKFG-20-4-10L
	Input	W	46.0	46	47.4	47.4
	Capacitor	uF	3	3	1.5	1.5
	Speed(Hi/Mi/Lo)	r/min	1180/950/750	1180/950/750	1200/1050/900	1200/950/750
Indoor coil	a.Number of rows		2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1.2
	d.Fin type (code)		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
	f.Coil length x height x width	mm	595x78x23.2+595x117x23.2+595x78x23.2	595x78x23.2+595x117x23.2+595x78x23.2	598x84x13.37+598x105x26.74+598x105x26.74	598x84x13.37+598x105x26.74+598x105x26.74
	g.Number of circuits		4	4	3	3
Indoor air flow (Hi/Mi/Lo)	m3/h		500/400/290	540/410/300	590/460/340	580/430/310
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
Indoor unit	Dimension(W*D*H)	mm	805x194x285	805x194x285	805x194x285	805x194x285
	Packing (W*D*H)	mm	870x270x365	870x270x365	870x270x365	870x270x365
	Net/Gross weight	Kg	7.7/9.9	7.7/9.9	8.0/10.2	8.0/10.2
	Outdoor fan motor	Model		ZKFN-34-8-1-3	YKT-32-6-202L	ZKFN-34-8-1-3
Input		W	/	80.2	/	/
Capacitor		uF	0	6	/	/
Speed		r/min	850/750	850/730	850/650	850/650
Outdoor coil	a.Number of rows		1.0	1	1	1
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	21x13.37	14.5x12.56	21x22
	c.Fin spacing	mm	1.2	1.4	1.2	1.2
	d.Fin type (code)		Unhydrophilic aluminium	Hydrophilic aluminum	Hydrophilic aluminum	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
	f.Coil length x height x width	mm	760x507x11.6	755*504*13.37	675x406x12.56	680*22*504
	g.Number of circuits		3	2	2	2
Outdoor air flow	m3/h		2000	2000	1300	2000
Outdoor noise level	dB(A)		52.5	53	55	57.5
Outdoor unit	Dimension(W*D*H)	mm	770x300x555	770x300x555	681x285x434	700x275x550
	Packing (W*D*H)	mm	900x345x595	900x348x625	795x345x505	815x325x625
	Net/Gross weight	Kg	25.2/27.5	26.8/29.2	18.8/20.8	22.9/25.3
Refrigerant type	Kg		R410A/0.50	R410A/0.8	R410A/0.52	R410A/0.62
Design pressure	MPa		//1.2	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)
	Max. refrigerant pipe length	m	25	25	25	25
	Max. difference in level	m	10	10	10	10
Connection wiring			16#x4//	16#x4/0.5x4	16#x4//	16#x4//
Plug type			//no-plug	//no-plug	14#x3/no-plug	14#x3/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
Room temperature	Indoor(cooling/ heating)	℃	17~32//	17~32/0~30	//	17~32//
	Outdoor(cooling/heating)	℃	18~43//	18~43/-15~30	//	18~43//
Application area (Cooling Standard)	m <sup>2</sup>		16~23	16~23	16~23	16~23
Qty per 20' /40' /40'HQ			110/227/244	110/227/244	124/267/300	114/235/278