



NATURE APPROVES

Model		KFRMINV2410O13KR	KFRMINV2410O18KR	KFRMINV2410O24KR	KFRMINV3610O36KR	
Power supply		Ph-V-Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	220-230V,1Ph,60Hz	208/230V,1Ph,60Hz
Cooling	Capacity	Btu/h	12000	18000	24000	36000
	Input	W	1200	1718	2080	4235
	Rated current	A	5.2	7.47	9.0	18.5
	SEER		19 SEER	19 SEER	19 SEER	19 SEER
Heating	Capacity	Btu/h	/	/	/	36000
	Input	W	/	/	/	3835
	Rated current	A	/	/	/	16.7
	COP	W/W	/	/	/	2.75
Max. input consumption		W	1600	2645	2460	4800
Max. current		A	7.5	11.5	13.5	21
Starting current		A	0	/	0	/
Compressor	Model		KSK89D29UEZD	KSN140D21UFZ	ATN150D30UFZA	ATF250D22UMT
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	2805	4385	4500	7645
	Input	W	735	1140	1160	2080
	Rated current(RLA)	A	5.05	7.50	8	9.45
	Locked rotor Amp(LRA)	A	/	/	/	/
	Thermal protector		/	/	/	/
	Thermal protector position		NA	/	NA	NA
	Capacitor	μF	/	/	/	/
Refrigerant oil/oil charge	ml	VG74/170	VG74 440	VG74/450	VG74/670	
Indoor fan motor	Model		YKFG-20-4-10L	YKFG-28-4-6-5	YKFG-45-4-13	ZKFP-58-8-1-5
	Input	W	47.4	58.5	89.0	58.0
	Capacitor	uF	1.5	1.5	3	/
	Speed(Hi/Mi/Lo)	r/min	1200/1050/900	1200/1000/850	1200/1100/800	1200/950/750
Indoor coil	a.Number of rows		2	2	2	2.0
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.3	1.2
	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	598x84x13.37+598x105x26.74+598x105x26.74	750x189x26.74+750x105x26.74	780x210x26.74+780x105x26.74	965x189x26.74+965x84x26.74+945x147x26.74
	g.Number of circuits		3	3	4	5
Indoor air flow (Hi/Mi/Lo)	m3/h	590/460/340	813/639/515	995/799/608	1450/1100/800	
Indoor noise level (Hi/Mi/Lo)	dB(A)	39/35.5/31.5	43/37/31.5	45.5/40/32.5	52/44/36	
Indoor unit	Dimension(W*D*H)	mm	805x194x285	957x213x302	1040x220x327	1259x282x362
	Packing (W*D*H)	mm	870x270x365	1035x295x385	1120x405x315	1340x450x385
	Net/Gross weight	Kg	8.0/10.2	10.4/13.4	13.1/16.5	18.5/24.2
Outdoor fan motor	Model		ZKFN-34-8-1-3	YKT-32-6-3L	YKT-63-6-200L	ZKFN-120-8-2
	Input	W	/	77.5	136.0	150.0
	Capacitor	uF	0	2.5	3	/
	Speed	r/min	850/650	860/740	930/830	900/750
Outdoor coil	a.Number of rows		1.0	2.0	2.0	3.0
	b.Tube pitch(a)x row pitch(b)	mm	14.5x12.56	19.5x11.6	19.5x11.6	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2	1.4
	d.Fin type (code)		Hydrophilic aluminum	Unhydrophilic aluminium	Unhydrophilic aluminium	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
	f.Coil length x height x width	mm	675x406x12.56	760x507x23.2	768x663x23.2	1000x756x40.11
	g.Number of circuits		2	4	4	6
Outdoor air flow	m3/h	1300	/	3100	3800	
Outdoor noise level	dB(A)	55	54	57	60.5	
Outdoor unit	Dimension(W*D*H)	mm	681x285x434	770x300x555	845x363x702	946x410x810
	Packing (W*D*H)	mm	795x345x505	900x348x625	965x395x775	1090x500x885
	Net/Gross weight	Kg	18.8/20.8	27.9/30.8	39.1/42.6	65.2/71.5
Refrigerant type	Kg	R410A/0.52	R410A/0.85	R410A/1.16	R410A/119.9	
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	///	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	35mm(1/4in)/12.7mm(1/2)	35mm(1/4in)/12.7mm(1/2)	5.9mm(5/8in)/9.52mm(3/8)	5.2mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	30	25	65
	Max. difference in level	m	10	20	10	30
Connection wiring			16#x4//	16#x4//	16#x4//	16#x4//
Plug type			14#x3/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)
Operation temperature	℃					
Room temperature	Indoor(cooling/ heating)	℃	///	17~32//	17~32//	17~32/0~30
	Outdoor(cooling/heating)	℃	///	0~50//	18~43//	-15~50/-15~30
Application area (Cooling Standard)	m ²		16~23	23~33	29~43	48~70
Qty/per 20' /40' /40'HQ			124/267/300	86/180/208	64/136/146	36/76/88