

# Coolquip - Cold Fact Data Sheet for 9000btu - 24 000btu units

## MID WALL SPLIT TYPE AIR CONDITIONERS



Model			KFR-25	KFR-35	KFR-53	KFR-70
Power supply		Ph-V-Hz	220-240V~,50Hz			
Cooling	Capacity	Btu/h	9000	12000	18000	24000
	Input	W	1050	1350	1960	2400
	Rated current	A	4.6	6.0	9.4	11.5
	EER	Btu/w.h, w/w	8.6,2.5	8.9,2.6	9.2,2.7	2.56
Heating	Capacity	Btu/h	10000	14000	20500	24000
	Input	W	1020	1350	1890	11.5
	Rated current	A	4.45	6.0	8.6	2400
	COP	W/W	2.88	3.0	3.2	2.93
Moisture Removal		L/h	1.0	1.5	1.9	
Max. input consumption		W	1300	1800	2300	3200
Max. current		A	7.0	10.0	12.0	15
Starting current		A	24.0	33	36	
Compressor	Model		2P18S225ANK	PH225X2C-4FT	PH290X2C-4FT1	PH420X3CS-4KU1
	Type		Rotary			
	Brand		Matsushita	TOSHIBA	TOSHIBA	TOSHIBA
	Capacity	Btu/h	9920	13197/13299	17435	24200
	Input	W	970	1250/1285	1670	2380/2480
	Rated current(RLA)	A	4.5	5.7/5.5	8.0	11.1/11.4
	Locked rotor Amp(LRA)	A	24	29.9/33	41.2	61.0/66.0
	Thermal protector		External (MRA98745)	UP3RE0591-T56	Internal	Internal
	Capacitor	uF	30	35	35	50
	Refrigerant oil	ml	350	480	520	850
Indoor fan motor	Model		YDK20G-4E	YDK20G-4E	RPG25	YDK36-4C
	Brand		Welling	Welling	Welling	Welling
	Input	W	39.5	39.5	53	
	Capacitor	uF	1.5	1.5	1.5uF/450V	2uF/450V
Indoor coil	Speed(hi/mi/lo)	r/min	1140/1000/850	1220/1100/900	1220/1100/850	1200/1120/1080/1000
	a.Number of rows		2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21X13.37
	c.Fin spacing	mm	1.5	1.3	1.3	1.3
	d.Fin type (code)		Unhydrophilic aluminium			
	e.Tube outside dia.and type	mm	φ7 INNEGROOVE TUBE			
	f.Coil length x height x width	mm	538X252X26.74	637×294×26.74		799X413X26.74
g.Number of circuits		2	2	3	4	
Indoor air flow (Hi/Mi/Lo)		m3/h	450/400/350	580/500/420	800/730/600	1080/1000/960/880
Indoor noise level (Hi/Mi/Lo)		dB(A)	36/35/31	40/38/32	42/40/38	48/47/45/43
Indoor unit	Dimension (W*H*D)	mm	790X190X275	790X190X275	940X175X275	1030*313*221
	Packing (W*H*D)	mm	865X270X350	865X270X350	1015X275X350	1135X435X315
	Net/Gross weight	Kg	8.5/10.5	9/11	11/13	14.5/20
Outdoor fan motor	Model		YDK24-6T	YDK24-6	YDK36-6	YDK53-6E
	Brand		WELLING	WELLING	WELLING	WELLING
	Input	W	70	70	96	181
	Capacitor	uF	3	2.5	2.5uF/450V	3
Outdoor coil	Speed	r/min	850	850	900	840
	a.Number of rows		2	1	2	2
	b.Tube pitch(a)x row pitch(b)	mm	25.4x22	21x13.37	25.4x22	25.4x22
	c.Fin spacing	mm	1.4	1.5	1.7	1.6
	d.Fin type (code)		Hydrophilic aluminium			
	e.Tube outside dia.and type	mm	φ9.53 INNEGROOVE TUBE			
	f.Coil length x height x width	mm	690x508x22	757x508x22	690x508x22	797X660X44
g.Number of circuits		2	2	2	4	
Outdoor air flow		m3/h	1800	2000	1800	2500
Outdoor noise level		dB(A)	50	54	56	60
Outdoor unit	Dimension(W*H*D)	mm	700X535X235	780×540×250	780X540X250	845X695X335
	Packing (W*H*D)	mm	815X580X325	910x575x335	910x575x335	965X755X395
	Net/Gross weight	Kg	31/33	36/38	36/38	59/63
Refrigerant type R22		g	820	1200	1400	1900
Design pressure		MPa	2.8	2.8	2.8	2.6
Refrigerant piping	Liquid side/ Gas side	mm(inch)	φ6.35/φ9.53	φ6.35/φ12.7	φ6.35/φ12.7	φ9.53/φ16.0
	Max. refrigerant pipe length	m	10	10	15	15

Coolquip - Cold Fact  
 Tel: 011 616-0138  
 Fax: 086 545 8797  
 Web: www.coolquip.co.za

We Supply & Install  
  
 Air Conditioners