



Turn to the experts



CARRIER XPOWER 38KHF - 50/60 Hz

-  **REFRIGERANT LEAK PROTECTION**
-  **SLEEP MODE**
-  **TIMER**
-  **SELF -DIAGNOSIS AND AUTO-PROTECTION**
-  **FOLLOW ME FUNCTION**
-  **SILENT**
-  **2-WAY DRAINING**
-  **TURBO MODE**
-  **AUTO RESTART FUNCTION**
-  **GOLDEN ANTI-CORROSION TREATMENT IN INDOOR AND OUTDOOR UNIT**
-  **SELF-CLEANING**
-  **HIGH DENSITY FILTER**
-  **LOUVER POSITION MEMORY FUNCTION**



Capacity			30K CO	36K CO	36K HP
Indoor Unit Model			42KHF030DS-1	42KHF036DS-1	42QHF036DS-1
Outdoor Unit Model			38KHF030DSP-1	38KHF036DSP-1	38QHF036DSP-1
Power supply		V-Hz-Ph	208-230V~ 50/60Hz, 1Ph	208-230V~ 50/60Hz, 1Ph	208-230V~ 50/60Hz, 1Ph
Cooling (Standard conditions)	Capacity		30000	36000	36000
	Range	Btu/h	6500~33000	5200~38000	4200~36000
	Input		2750	4150	4450
	Range	W	480~3300	440~4580	410~4410
	Current		12.0	18.2	19.1
	Range	A	2.4~14.5	3.3~20.2	3.2~19.3
	EER	W/W	3.20	2.54	2.37
	SEER	BTUH/W	20.5	17.6	17.3
Heating (Standard conditions)	Capacity		/	/	36000
	Range	Btu/h	/~	/~	11800~38000
	Input		/	/	3200
	Range	W	/~	/~	760~3350
	Current		/	/	14.0
	Range	A	/~	/~	5.5~14.8
	COP	W/W	/	/	3.30
Rated Power Input		W	3600	5000	5000
Rated Current		A	16.0	22.0	22.0
Compressor	Model		KTF250D22UMT	KTF250D22UMT	KTF250D22UMT
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC
	Capacity	W	8095	8095	8095
	Input	W	2200	2200	2200
	Rated current(RLA)	A	10	10	10
	Refrigerant oil/oil charge	ml	VG74/670	VG74/670	VG74/670
Indoor fan motor	Model		ZKFP-58-8-20L	ZKFP-58-8-20L	ZKFP-58-8-20L
	Speed(Hi/Mi/Lo)	r/min	1200/950/800	1200/950/800	1200/950/800
Indoor coil	a.Number of rows		2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1.2	1.2	1.2
	d.Fin type (code)		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
	f.Coil length x height x width	mm	965x189x26.74+965x84x26.74+945x147x26.74	965x189x26.74+965x84x26.74+945x147x26.74	965x189x26.74+965x84x26.74+945x147x26.74
	g.Number of circuits		5	5	5
Indoor air flow (Hi/Mi/Lo)		m3/h	1500/1250/1100	1500/1250/1100	1500/1250/1100
Indoor noise level (Hi/Mi/Lo)		dB(A)	51.0/44.0/40.0	52.0/45.0/40.0	52.0/45.0/40.0
Indoor unit	Dimension(W*D*H)	mm	1259x282x362	1259x282x362	1259x282x362
	Packing (W*D*H)	mm	1340x450x385	1340x450x385	1340x450x385
	Net/Gross weight	kg	17.5/23.0	17.5/23.0	17.5/23
Outdoor fan motor	Model		ZKFN-120-8-2	ZKFN-120-8-2	ZKFN-120-8-2
	Input	W	150	150	150
	Speed	r/min	880/500	880/500	880/500
Outdoor coil	a.Number of rows		2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	25.4x22
	c.Fin spacing	mm	1.4	1.4	1.3
	d.Fin type (code)		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
	f.Coil length x height x width	mm	1005x756x26.74	1005x756x26.74	995x762x44
	g.Number of circuits		6	6	8
Outdoor air flow		m3/h	3800	3800	3800
Outdoor noise level		dB(A)	58.0	60.0	60.0
Outdoor unit	Dimension(W*D*H)	mm	946x420x810	946x420x810	946x420x810
	Packing (W*D*H)	mm	1090x500x885	1090x500x885	1090x500x885
	Net/Gross weight	kg	54.9/59.3	60.5/65.0	60.5/65.0
Refrigerant type		kg	R410A/2.3	R410A/2.3	R410A/2.2
Design pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	30	30	30
	Max. difference in level	m	20	20	20
Connection wiring			1.5x4//	1.5x4//	1.5x4//
Thermostat type			Remote Control	Remote Control	Remote Control
Operation temperature		°C	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	17~32//	17~32//	17~32/0~30
	Outdoor(cooling/heating)	°C	0~50//	0~50//	0~50/-15~24
Application area (Cooling Standard)		m ²	40~59	48~70	47~68
Qty'per 20' /40' /40'HQ			38/80/96	36/76/88	36/76/88



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