






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	208-230V~ 50/60Hz, 1Ph	208-230V~ 50/60Hz, 1Ph
Cooling (Standard conditions)	Capacity	Btu/h	30000	36000	36000		
	Range		6500~33000	5200~38000	4200~36000		
	Input	W	2750	4150	4450		
	Range		480~3300	440~4580	410~4410		
	Current	A	12.0	18.2	19.1		
	Range		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	Btu/h	/	/	36000		
	Range		/~	/~	11800~38000		
	Input	W	/	/	3200		
	Range		/~	/~	760~3350		
	Current	A	/	/	14.0		
	Range		/~	/~	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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