

Hiwall *INVERTER* FX Series



- ➔ **ECO Mode**
- ➔ **Golden Anti Corrosion Treatment**
- ➔ **Fireproof Control Box**
- ➔ **Refrigerant leak protection**

WIRELESS CONNECTION CAPABLE*

*Kit sold separately



*Wifi Kit PN: 1731090003167-CIAC

Indoor Unit Model			CH43FX009-H7N1C	CH43FX012-H7N1C	CH43FX018-H7N1C	CH43FX022-H7N1C
Outdoor Unit Model			CG43FX009PH7N1C	CG43FX012PH7N1C	CG43FX018PH7N1C	CG43FX022PH7N1C
Power supply		V-Ph-Hz	220-240V, 1Ph, 50Hz	220-240V, 1Ph, 50Hz	230V, 1Ph, 50Hz	230V, 1Ph, 50Hz
Cooling (Standard conditions)	Rated Capacity	Btu/h	8100~10500	8300~10700	17123~18720	20679~23750
	Input	W	830	1200	1850	2250
	Current	A	5.0	5.5	8.5	10.4
	EER	W/W	10.9	10.0	9.7	9.4
Rated Power Input		W	2000	2000	2700	3000
Rated Current		A	5.0	5.5	8.5	10.4
Starting current = Max. Fuse		A	10.0	10.0	13.5	14.5
Compressor	Model		KSK103D33UEZ3	KSK103D33UEZ3	KSN140D21UFZ	KTN150D30UFZA
	Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	2035/3255	2035/3255	4385	4730
	Input	W	325/826	325/826	1140	1250
	Rated current (RLA)	A	2.40/5.65	2.40/5.65	7.50	8.10
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 310	ESTER OIL VG74 310	VG74 440	ESTER OIL VG74 450
Indoor fan motor	Model		YKFG-13-4-38L-4	YKFG-13-4-38L-4	YKFG-25-4-6-14	YKFG-45-4-22-13
	Input	W	40.0	40.0	55.0	77.0
	Capacitor	uF	1.5	1.5	1.5	3
	Speed (Hi/Mi/Lo)	r/min	1100/1000/800	800	1250/1180/1000/850	1250/1200/1000/850
Indoor coil	a.Number of rows		2	2	2	2
	Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	21x13.37	21x13.37
	Fin spacing	mm	1.2	1.2	1.2	1.3
	Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	Tube outside dia.and type	mm	φ5,Inner groove tube	φ5,Inner groove tube	φ7,Inner groove tube	φ7,Inner groove tube
	Coil length x height x width	mm	510x78x23.2+510x97.5x23.2+510x78x23.2	595x78x23.2+595x117x23.2+595x78x23.2	750x189x26.74+750x105x26.74	780x210x26.74+780x105x26.74
	Number of circuits		3	4	3	4
Indoor air flow (Hi/Mi/Lo)		m3/h	460/410/300	560/410/330	842/681/555	1005/802/650
Indoor noise level (Hi/Mi/Lo)		dB(A)	37/34/27	41.5/34.5/31.5	44/39/33	47.0/41/36.0
Indoor unit	Dimension (W*D*H)	mm	715x200x285	805x194x285	957x213x302	1040x220x327
	Packing (W*D*H)	mm	780x285x365	870x270x365	1035x295x385	1120x405x315
	Net/Gross weight	kg	7.4/9.5	8.0/10.2	10.5/13.4	13.6/17.0
Outdoor fan motor	Model		YKT-24-6-234L-1	YKT-24-6-234L-1	ZKFN-34-10-1-3	ZKFN-56-8-1
	Capacitor	uF	2.5	2.5	/	/
	Speed	r/min	800	800	810/450	900/600
Outdoor coil	a.Number of rows		1	1	1.6	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6	19.5x11.6	19.5x11.6	19.5x11.6
	c.Fin spacing	mm	1.2	1.2	1.2	1.2
	d.Fin type (code)		Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium	Unhydrophilic aluminium
	e.Tube outside dia.and type	mm	φ5,Inner groove tube	φ5,Inner groove tube	φ5,Inner groove tube	φ5,Inner groove tube
	f.Coil length x height x width	mm	740x468x11.6	740x468x11.6	755x507x11.6+462x507x11.6	875x507x23.2
	g.Number of circuits		2	2	4	4
Outdoor air flow		m3/h	1800	1800	2100	2300
Outdoor noise level		dB(A)	55.5	55.5	57	59
Outdoor unit	Dimension(W*D*H)	mm	720x270x495	720x270x495	765x303x555	805x330x554
	Packing (W*D*H)	mm	835x300x540	835x300x540	887x337x610	915x370x615
	Net/Gross weight	kg	21.9/23.7	21.9/23.7	26.3/28.6	30.3/33.0
Refrigerant type		kg	R410A/0.49	R410A/0.57	R410A/0.72	R410A/1.05
Design pressure		MPa	0/0	///	4.2/1.5	4.2/1.5
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)
	Max. refrigerant pipe length	m	25	25	30	30
	Max. difference in level	m	10	10	20	20
Connection wiring			1.5x4	1.5x4	1.5x3	1.5x3
Plug type			1.5x3	1.5x3	1.5x3	2.5x3/no-plug
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature		°C	17~30	17~30	17~30	17~30
Room temperature	Indoor(cooling/ heating)	°C	17~ 32/0	17~ 32	17~ 32	17~ 32
	Outdoor(cooling/heating)	°C	0~ 50/0	0~ 50//	-15~ 50//	-15~ 50//
Application area (Cooling Standard)		m ²	12~ 18	16~ 23	24~ 35	28~ 41
Qty/per 20' /40' /40HQ			137/284/312	132/274/305	90/190/222	83/169/199