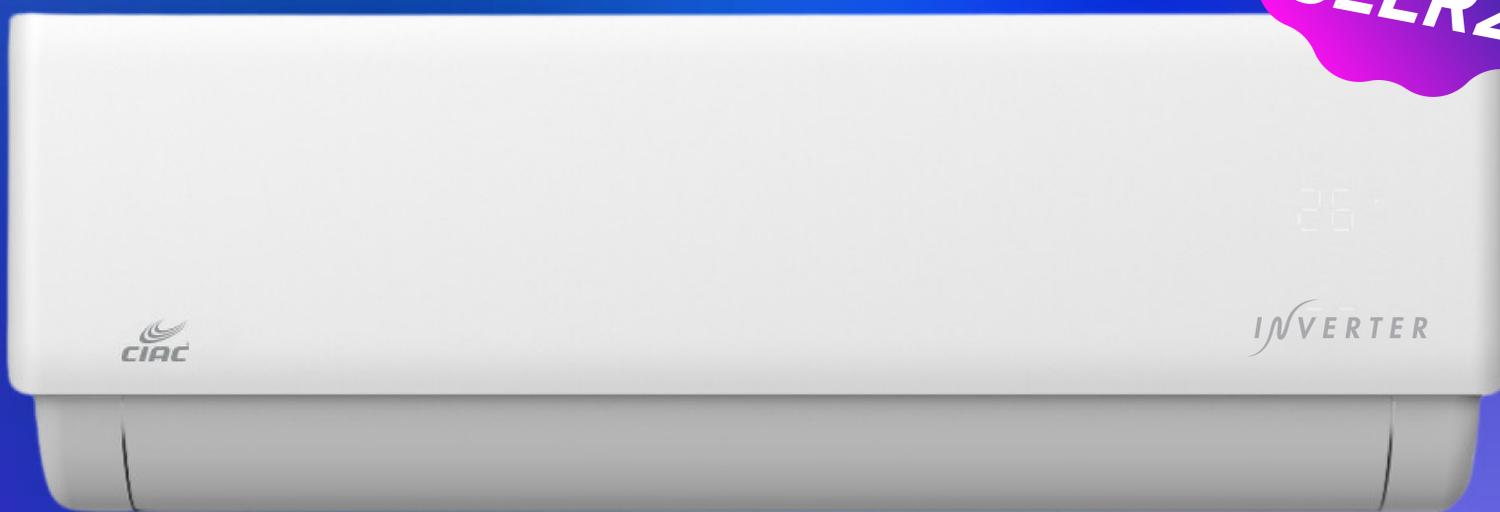




Hiwall *INVERTER* CX Series

UP TO
20
SEER2



Indoor Model	Outdoor Model		CH820C-X012-H1N1C	CH820C-X012-H3N1C	CH820C-X018-H3N1C	CH820C-X024-H3N1C
			CG820C-X012PH1N1C	CG820C-X012PH3N1C	CG820C-X018PH3N1C	CG820C-X024PH3N1C
Power supply		V-Ph-Hz	115V_1Ph,60HZ	220_230V_1Ph,60HZ	220_230V_1Ph,60HZ	220_230V_1Ph,60HZ
Cooling (RTCA)	Capacity	W	3517	3517	5290	6448
		Btu/h	12000	12000	18050	22000
	Range		2700~13300	2700~13300	4000~18500	4500~23800
	Input	W	1263	1263	1714	2000
		Range		150~1330	150~1330	120~1800
	Current	A	13.8	5.6	7.8	9.3
		Range		1.1~5.9	1.1~5.9	0.53~8.0
	SEER	Btu/h/W	18.00	18.0	22.0	20.0
EER	W/W	2.78	2.78	3.09	3.22	
Cooling (AHRI)	Capacity	Btu/h	12000	12000	18000	22000
	SEER2	Btu/h/W	18.0	18.0	20.0	19.0
	EER2	Btu/h/W	8.5	8.5	10.3	10.3
Rated Power Input		W	2000	2100	2500	3000
Rated Current		A	17	9	13.5	13.5
Compressor	Model		KSK103D32UEZ31	KSK103D32UEZ31	KSK103D32UEZ31	KSN140D33UFZB3
	Type		ROTARY	ROTARY	ROTARY	ROTARY
	Brand		GMCC	GMCC	GMCC	GMCC
	Capacity	W	2020/3245 ±3%	2020/3245 ±3%	2020/3245 ±3%	2690/4350
	Input	W	332/850 ±3%	332/850 ±3%	332/850 ±3%	434/1127
	Rated current(RLA)	A	2.42/5.70 ±3%	2.42/5.70 ±3%	2.42/5.70 ±3%	3.18/6.9
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 280 ±10	ESTER OIL VG74 280 ±10	ESTER OIL VG74 280 ±10	ESTER OIL VG74 420±10ml
Indoor fan motor	Model		YKFG-15-4-28-1	YKFG-20-4-10L	ZKFP-35-10-188L	ZKFP-45-10-30L
	Input	W	46	47.4	55	76
	Capacitor	uF	3	1.5	/	/
	Speed(Hi/Mi/Lo)	r/min	1150/1010/940	1150/1010/940	1150/850/750	1050/910/840
Indoor coil	a.Number of rows		2	2	2	2
	b.Tube pitch(a)x row pitch(b)	mm	19.5x11.6+18x17.3	19.5x11.6+18x17.3	19.5x11.6	19.5x11.6
	c.Fin spacing	mm	1.3	1.3	1.3	1.3
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum
	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	620x72x17.3+620x117x23.2+620x108x17.3	620x72x17.3+620x117x23.2+620x108x17.3	770x195x23.2+770x117x23.2	820x214.5x23.2+820x117x23.2
	g.Number of circuits		3	3	4	6
Indoor air flow (Hi/Mi/Lo)		m3/h	670/580/460	670/580/460	850/650/550	1150/840/670
Indoor noise level (Hi/Mi/Lo)		dB(A)	39.0/34.5/32.0	40.0/35.0/32.5	43.5/40.5/33	45/39.5/37.5
Indoor unit	Dimension(W*D*H)	mm	813x201x289	813x201x289	975x218x308	1055x231x330
	Packing (W*D*H)	mm	870x270x365	870x270x365	1035x295x385	1130x405x310
	Net/Gross weight	kg	8.5/10.4	8/10.4	10.1/13.2	11.9/15.4
Outdoor fan motor	Model		ZKFN-25-10-5L	ZKFN-25-10-6L	ZKFN-25-10-5L	ZKFN-34-10-1L-1
	Speed	r/min	950/700	950/700	810/450	900/700/550
Outdoor coil	a.Number of rows		1	1	1.6	1.6
	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	600x429x11.6	600x429x11.6	755x507x11.6+462x507x11.6	875*507*11.6+510*507*11.6
	g.Number of circuits		2	2	4	2
Outdoor air flow		m3/h	1300	1300	2100	2400
Outdoor noise level		dB(A)	54.5	54	55.5	58
Outdoor unit	Dimension(W*D*H)	mm	668x252x469	668x252x469	765x303x555	805x330x554
	Packing (W*D*H)	mm	765x270x525	765x270x525	887x337x610	915x370x615
	Net/Gross weight	kg	18.3/19.9	17.2/18.9	22.4/24.7	27.2/29.7
Refrigerant type		kg	R32/0.38	R32/0.380	R32/0.67	R32/0.75
Design pressure		MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in)/12.7mm(1/2in)	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			16#x4//	16#x4//	16#x4//	16#x4//
Plug type			//no-plug	//no-plug	//no-plug	//no-plug
Thermostat type			Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature			16~30	16~30	16~30	16~30
Room temperature	Indoor(cooling/ heating)		16~32//	16~32//	16~32//	16~32//
	Outdoor(cooling/heating)		0~50//	0~50//	0~50//	0~50//
Qty/per 20' /40' /40'HQ			136/282/310	136/282/310	90/184/212	76/152/178