



Hiwall **INVERTER** SmartSaver Series C



Affordable comfort perfectly suited for your family



R-410A
REFRIGERANT

CIAC Model		Indoor model	CH423C-X012-H3S1C	CH423C-X018-H3S1C	CH423C-X024-H3S1C	
		Outdoor model	CG423C-X012PH3S1C	CG423C-X018PH3S1C	CG423C-X024PH3S1C	
Power supply			1Ph / 208-230V/60Hz	1Ph / 208-230V/60Hz	1Ph / 208-230V/60Hz	
Cooling (RTCA)	Capacity	BTU/H	12000! 2700~13000"	18000! 2700~18000"	24000! 2700~24000"	
		W/H	3520(800~3800)	5275(800~5500)	7050(800~7300)	
	Input	W	950! 200~1650"	1400! 200~2500"	1900! 200~3000"	
	Rated current	Amps	4.2(0.9~8.5)	6.2(0.9~11.6)	10.5(0.9~14.35)	
	EER	W/W	3.71	3.77	3.71	
		BTU/W	12.66	12.86	12.66	
	REER	W/W	6.83	6.75	6.83	
	SEER	BTU/W	23	23	23	
Max. input consumption		W	1650	2500	3000	
Max. current		Amps	8.5	11.6	14.35	
Compressor	Type		Rotary	Rotary	Rotary	
	Model		C-4RZ089H3BBF	KSK103D26UEZD3	C-4RZ140H3AAF	
	Brand		SANYO	GMCC	SANYO	
Indoor unit	Indoor fan motor	Output Power	W	19	25	50
		Capacitor	uF	1.5	1.5	3.0
		Speed (Hi/Mi/Lo)	RPM	1200/1150/1000/900	1300/1200/1100/1000	1300/1200/1100/1000
	Indoor coil	Tube pitch(a)x row pitch(b)	mm	21x12.7	21x12.7	21x12.7
		Fin spacing		1.4	1.5	1.5
		Fin material		Hydrophilic / Aluminum	Hydrophilic / Aluminum	Hydrophilic / Aluminum
		Tube outside dia.and material	mm	φ7# inner Grooved, copper	φ7# inner Grooved, copper	φ7# inner Grooved, copper
		Coil length x height x width	mm	602*252*12.7	652*315*25.4	738*336*25.4
	Indoor air flow (Hi/Mi/Lo)	m3/h	650/500/400	700/600/550	1050/950/800	
	Rated input Power(cooling/heating)	W	35	50	80	
	Rated current (cooling/heating)	Amps	0.2	0.25	0.35	
	Moisture Removal	L/h	1.1	2	2.6	
	Sound level(Hi/Mi/Lo)	dB(A)	37/34/32	45/42/39	49/47/45	
	Unit dimension (W*H*D)	mm	800X292X190	850X292X190	970X310X230	
	Packing (W*H*D)	mm	865X335X240	915X335X240	1035X380X310	
	Net weight	kg	7.4	8.6	11.9	
Gross weight	kg	8.6	9.8	13.8		
Outdoor unit	Outdoor fan motor	Output Power	W	25	25	40
		Capacitor	uF	2.5	2.5	/
		Speed	RPM	1000±30	1000±30	1000±30
	Outdoor coil	Tube pitch(a)x row pitch(b)	mm	19.5x11.57	21x13.6	21x13.6
		Fin spacing		1.3	1.5	1.3
		Fin material		Non-hydrophilic / Aluminum	Non-hydrophilic / Aluminum	Non-hydrophilic / Aluminum
		Tube outside dia.and material	mm	φ5# Inner Grooved / copper	φ7# Inner Grooved / copper	φ7# Inner Grooved / copper
		Coil length x height x width	mm	682*468*11.57	752*504*13.6	823*546*13.6
	Sound level	dB(A)	49	55	57	
	Unit dimension (W*H*D)	mm	700x302x510	800x302x550	860x378x597	
	Packing (W*H*D)	mm	765x345x550	870X355X595	945X430X670	
	Net weight	kg	20	22	28.2	
Gross weight	kg	21.4	23.6	30.4		
Refrigerant type		R410A	R410A	R410A		
Refrigerant charge	g	495	895	1105		
Design pressure		4.5	4.5	4.5		
Refrigerant pipe	Liquid side	mm / inch	φ6	φ6	φ6	
	Gas side	mm / inch	φ9	φ9	φ9	
	Max. refrigerant pipe length	m	10	10	15	
	Max. difference in level	m	5	5	10	
Operation temperature range		°C	16°C-43°C	16°C-43°C	16°C-43°C	
Ambient temperature range		°C	16°C-48°C	16°C-48°C	16°C-48°C	
Qty'per 40HQ		sets	330	280	183	