



Hi Wall Inverter SmartSaver Series-C R410-A



Affordable comfort perfectly suited for your family
RTCA certified

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	
	REEE	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	14.1
Compressor		Type		Rotary	Rotary	Rotary
		Model				
		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	21×12.7	21×12.7	21×12.7
		Fin spacing		1.4	1.5	1.5
		Fin material		Hydrophilic / Aluminum	Hydrophilic / Aluminum	Hydrophilic / Aluminum
		Tube outside dia.and materi	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	19.5×11.57	21×13.6	21×13.6
		Fin spacing		1.3	1.5	1.3
		Fin material		Non-hydrophilic / Aluminum	Non-hydrophilic / Aluminum	Non-hydrophilic / Aluminum
		Tube outside dia.and materi	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	700×302×510	800×302×550	860×378×597
	Packing (W*H*D)		mm	765×345×550	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	φ6.35 / 1/4"	φ6.35 / 1/4"	φ6.35 / 1/4"
		Gas side	mm / inch	φ9.52 / 3/8"	φ12.7 / 1/2"	φ15.88 / 5/8"
		Max. refrigerant pipe length	m	10	10	15
		Max. difference in level	m	5	5	10
Operation temperature range			℃	16℃-43℃	16℃-43℃	16℃-43℃
Ambient temperature range			℃	16℃-48℃	16℃-48℃	16℃-48℃
Qty/per 40HQ			sets	330	280	183