



Hi Wall Inverter CH-CG816A Series



Affordable comfort perfectly suited for your family

What makes a
home? Is it the
cool feeling?
Is it excellent air
conditioning? yes



- Super Quiet
- Vector Precision Air Supply
- Smart Airflow
- Comfortable Cooling
- Rapid Cooling in 30
- I Feel
- Louver Position Memory
- Refrigerator Leakage Detection
- Energy-saving operation
- Easy-washable Filter
- Filter-cleaning Reminder



CIAC MODEL (indoor)			CH816A-X012-H3U1C	CH816A-X018-H3U1C	CH816A-X024-H3U1C
CIAC MODEL (outdoor)			CG816A-X012PH3U1C	CG816A-X018PH3U1C	CG816A-X024PH3U1C
Power supply		V-Ph-Hz	220-230V,1Ph,60Hz	220-230V,1Ph,50/60Hz	220-230V,1Ph,50/60Hz
Acceptable voltage operating range, (min. - max.)		VAC	187~253	187~253	187~253
Cooling (Standard conditions)	Capacity range	BTUH	11500(2730~12624)	18000(3140~18766)	23000(5120~24900)
	Input (range)	W	1250(220~1500)	1846(300~2100)	2408(200~2750)
	Current (range)	A	6.5(1.0~10.0)	8.7(1.6~12.0)	11.4(1.5~12.0)
Performance as per AHRI	Rated Capacity	BTUH	11500	18000	23000
	EER	BTUH/W ; W/W	9.20 ; 2.70	9.50 ; 2.78	9.50 ; 2.78
	SEER	BTUH/W	16.00	18.00	18.00
	EER2	BTUH/W ; W/W	9.20 ; 2.70	9.50 ; 2.78	9.50 ; 2.78
	SEER2	BTUH/W	16.00	19.00	19.00
Max Rated Current		A	10.0	12.0	13.0
Compressor	Model		KSK103D23UEZD3	C-4RZ120H3AAF	C-1RZ140H3CBF
	Type		ROTARY	ROTARY	ROTARY
	Brand		GMCC	SANYO	SANYO
Indoor fan motor	Type		AC	DC	DC
	Output	W	13	25	45
	Speed(Hi/Mi/Lo)	r/min	1270/1200/1060/940/870	1360/1230/1030/870/800	1270/1200/1100/920/850
Indoor air flow		m3/h	450	800	1300
Indoor sound level (Hi/Mi/Lo)		dB(A)	39/36/33	43/38/33	49/46/40
Indoor unit	Dimension(W*D*H)	mm	777×250×201	910×294×206	1010×315×220
	Packing (W*D*H)	mm	840×315×260	979×372×277	1096×390×297
	Net/Gross weight	kg	7.5/9.5	9.0/12.0	11.5/15.0
Outdoor fan motor	Type		AC	DC	DC
	Output	W	33	33	33
	Speed	r/min	1000	1000	1000
Outdoor sound level		dB(A)	52	54	55
Outdoor unit	Dimension(W*D*H)	mm	722×276×459	795×305×549	853×349×602
	Packing (W*D*H)	mm	765×310×481	835×340×585	890×385×628
	Net/Gross weight	kg	18.0/21.0	23.0/27.0	29.0/34.0
Refrigerant type /charge		g	R-32 / 370g	R-32 / 500g	R-32 / 800g
Refrigerant piping	Liquid	mm(inch)	6.35mm(1/4in)	6.35mm(1/4in)	6.35mm(1/4in)
	Gas	mm(inch)	9.52mm(3/8in)	12.7mm(1/2in)	12.7mm(1/2in)
	Standard length	m	3	3	3
	Additional charge (after	g/m	15g/m	25g/m	25g/m
	Max. refrigerant pipe length	m	15	25	25
	Max. difference in level	m	10	15	15
Control type			Remote control		
Load quantity 40' HQ container			345	245	185