



OPTIMA
INVERTER



**EXPERIENCE
AFFORDABLE LUXURY
WITH FAST COOLING AND CLEAN AIR**



OPTIMA INVERTER



Energy Savings

- Inverter system with full DC* technology that maximize energy savings. (*for 2.5hp)
- Five-star energy rating guarantees energy efficiency.



Comfort

- Delivers faster cooling with Turbo Mode.
- Bring cool air into every corner of the room with the Follow Me function.



Clean Air

- Tri-filtration system including High Density, Cold Catalyst and Silver Ion filters to rid the indoor air of dust particles, bad odors, bacteria and viruses.
- Active Clean function keeps the indoor coils clean and dry to prevent mildew build-up.



Smart Protection System

- Built for durability powered by intelligent sensors that protects the system from voltage, temperature and current fluctuations.
- Gold fins provide protection from corrosion for long-lasting performance.
- PCB coating guards against damage from lizards, ants and spider infestations.



Quiet Cooling

- Activate with Silence Mode function that provides indoor sound level as low as 20dB, the sound of a whisper.



Modern Remote Control

- Convenient access to key functions such as Breeze Away, Eco-Gear and Active Clean.
- Intuitive with large LCD Screen display for ease of use.



Easy access key buttons



Excellent After-Sales Service

- All your AC needs fulfilled when you get in touch through any of the multiple channels: customer service hotline, website, FB and accredited service centers nationwide.



“ Enjoy powerful features within reach with **Carrier Optima.** ”



	1.0 Hp	1.5 Hp	2.0 Hp	2.5 Hp
MODEL CODES				
Set	53CAC009308	53CAC012308	53CAC018308	53CAC024308
Indoor Unit	42CAC009308	42CAC012308	42CAC018308	42CAC024308
Outdoor Unit	38CAC009308	38CAC012308	38CAC018308	38CAC024308
Power Supply (V-Ph-Hz)	230V, 1Ph, 60Hz	230V, 1Ph, 60Hz	230V, 1Ph, 60Hz	230V, 1Ph, 60Hz
Cooling Capacity (kJ-hr)	9,500 (2,900 - 11,000)	12,700 (3,100 - 13,200)	18,990 (3,390 - 19,200)	23,200 (2,811 - 23,600)
Power Input (W)	700 (290 - 990)	1,030 (290 - 1,210)	1,760 (325 - 1,870)	2,000 (215 - 2,065)
CSPF	4.32	4.50	4.30	5.10
Refrigerant	R32	R32	R32	R32
Sound Level (H/M/L) dB(A)	39.5/34.0/32.0	37.0 / 34.5 / 32.5	43.5 / 37.0 / 33.5	48.0 / 43.0 / 40.0
PHYSICAL DATA				
INDOOR UNIT				
Net Dimension (mm)	726W x 210D x 291H	835W x 208D x 295H	969W x 241D x 320H	1083W x 244D x 336H
Gross Dimension (mm)	790W x 270D x 375H	905W x 290D x 355H	1045W x 315D x 405H	1155W x 415D x 315H
Net / Gross Weight (kg)	8.2 / 10.5	9.0 / 11.9	11.7 / 15.1	14.1 / 17.8
OUTDOOR UNIT				
Net Dimension (mm)	720W x 270D x 495H	720W x 270D x 495H	765W x 303D x 555H	805W x 330D x 554H
Gross Dimension (mm)	835W x 300D x 540H	835W x 300D x 540H	887W x 337D x 610H	915W x 370D x 615H
Weight (Net/Gross) (kg)	21.5 / 23.4	21.8 / 23.8	26.4 / 28.8	29.6 / 32.2
PIPING				
Liquid	6.35 mm (1/4 in)	6.35 mm (1/4 in)	6.35 mm (1/4 in)	6.35 mm (1/4 in)
Gas	9.52 mm (3/8 in)	9.52 mm (3/8 in)	12.7 mm (1/2 in)	12.7 mm (1/2 in)
Ma. Refr. Pipe Length	25	25	30	30
Max. Diff. in Level	10	10	20	20



CONCEPCION-CARRIER
AIR CONDITIONING

CONCEPCION CARRIER AIR CONDITIONING COMPANY

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