



Turn to the Experts.



Inverter Hi-Wall
Systems



About Carrier Inverter Hi-Wall Split System

Who is Carrier Air Conditioners

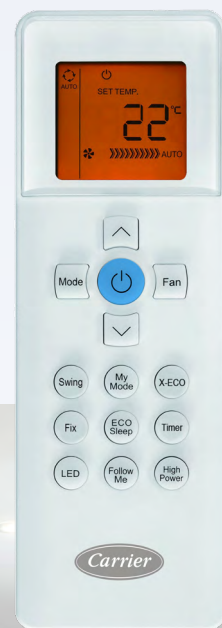
Founded by the inventor of modern air conditioning Willis Carrier, Carrier is one of the world's leaders in high technology heating, air conditioning and refrigeration solutions.

Carrier provides sustainable solutions, integrating energy efficient products, building controls and energy services for residential, commercial, retail, transport and food services customers. Carrier improves the world around us through engineered innovation and environmental stewardship. Carrier is also a leading provider to the aerospace and building systems industries.

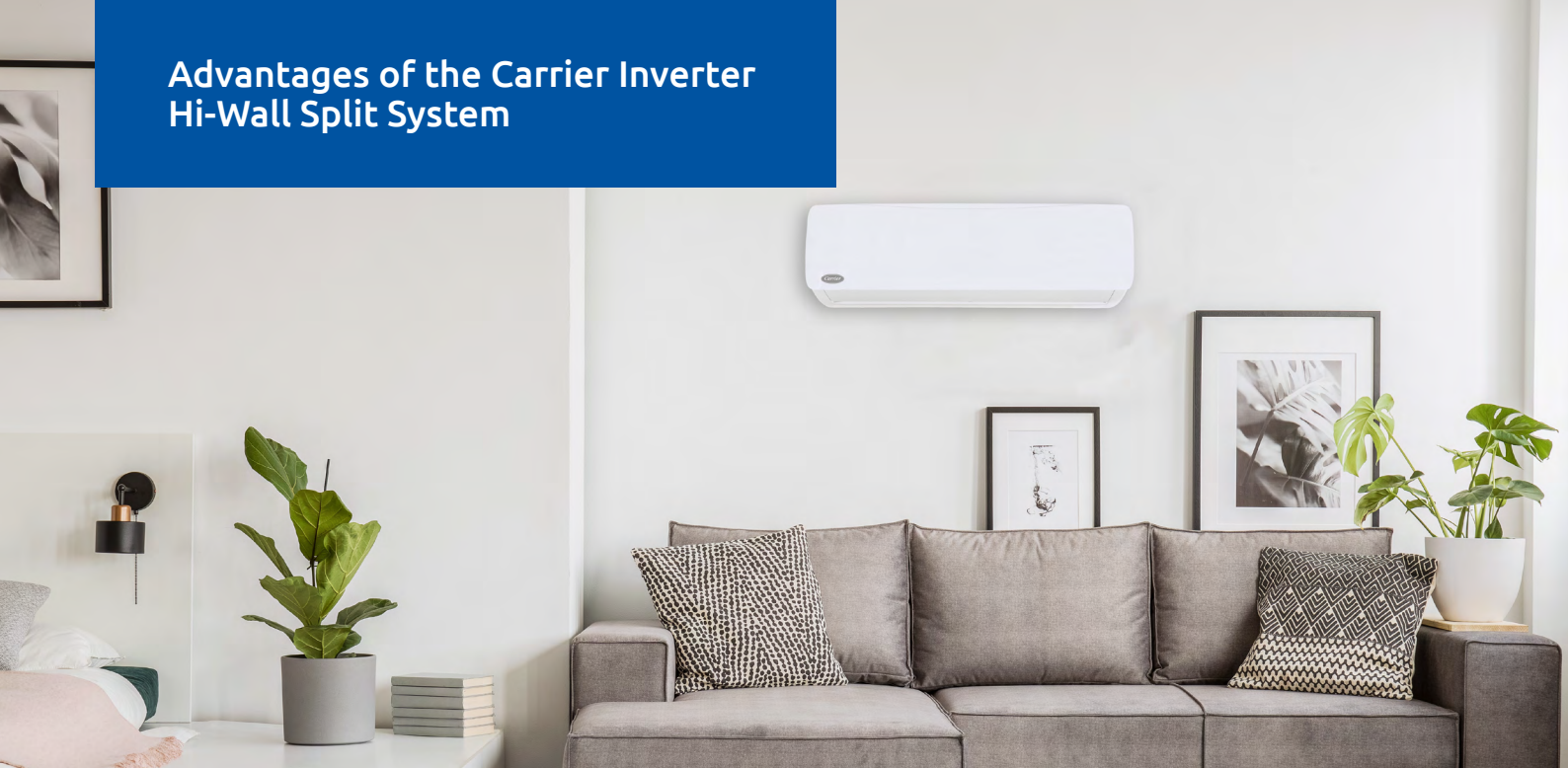
In 1902, Willis Carrier solved one of mankind's most elusive challenges by controlling the indoor environment through modern air conditioning. His invention enabled countless industries, promoting global productivity, health and personal comfort.

Controller features

- Wireless controller.
- Customised air distribution with 4 fan settings (Turbo/High/Med/Low).
- My mode saves favourite mode/fan and temperature combined settings.
- Ideal for use in both residential and commercial such as aged care, hospitals, hotels, schools and office buildings.



Advantages of the Carrier Inverter Hi-Wall Split System



- Brushless DC inverter motor designed to use electricity efficiently and effectively.
- Rapid turbo heat and cool function which increases power temporarily to achieve the desired temperature quickly before returning to normal power.
- Reverse cycle for heating and cooling.



- Use of R32 refrigerant for energy efficiency.



- Cooling performance even at 50°C outdoor temperature and as low as -15°C for heating.

- Follow me: the sensor built into the remote controller is active and the air conditioner will regulate the room temperature based on the temperature around the remote controller.
- Louver position memory, the angle of the horizontal louver will automatically move to the same position you set last time it was in use.



- Golden Coil Protection – an anticorrosive golden coating on the heat exchangers which offers extra protection from salty air, rain and other corrosive elements.

- Self-cleaning removes moisture which can cause mould to form on the indoor unit.
- Low maintenance and easy to install.
- 5 year warranty for consumer confidence.

Product Specifications

SYSTEM							
INDOOR			42QHB026N8	42QHB035N8	42QHB050N8	42QHB070N8	42QHB090N8
OUTDOOR			38QHB026N8	38QHB035N8	38QHB050N8	38QHB070N8	38QHB090N8
Refrigerant type			R32	R32	R32	R32	R32
Power supply (Volts-Phase-Hz)			220-240V ~/1/50Hz	220-240V ~/1/50Hz	220-240V ~/1/50Hz	220-240V ~/1/50Hz	220-240V ~/1/50Hz
COOLING	Capacity - rated (range)	kW	2.5 (0.5-3.1)	3.3 (0.6-3.8)	5.1 (0.9-5.8)	7.0 (1.5-8.0)	9.0 (3.3-9.6)
	Power input - rated	kW	0.54	0.77	1.25	1.98	2.56
	Operating current	A	2.4	3.56	5.60	9.00	12.0
	Current (min~max)	A	1.5~4.0	1.5~5.0	1.6~8.0	2.0~12.0	4.0~16.0
	Efficiency - rated	EER	4.63	4.29	4.08	3.54	3.52
HEATING	Capacity - rated (range)	kW	3.1 (0.6-4.2)	3.8 (0.7-4.3)	5.9 (1.0-6.2)	7.8 (1.0-8.6)	9.7 (3.6-12)
	Power input - rated	kW	0.68	0.89	1.55	2.18	2.70
	Operating current	A	3.0	4.1	6.7	10.0	12.6
	Moisture removal	L/hr	0.6	1.2	1.6	2.0	3.3
	Efficiency - rated	COP	4.56	4.27	3.81	3.58	3.59
INDOOR UNIT	Dimension(WxDxH)	mm	802 x 189 x 297	802 x 189 x 297	1080 x 226 x 335	1080 x 226 x 335	1259 x 282 x 362
	Net weight	Kg	8.7	8.7	14	14	19.5
	Cooling airflow (turbo/Hi/Mi/Lo)	L/s	166/147.2/ 130.5/97.2	166/147.2/ 130.5/97.2	325/286.1/ 227.7/197.2	325/286.1/ 227.7/197.2	397.2/375/ 302.7/266.7
	Sound cooling pressure (turbo/Hi/Mi/Lo)	dB(A)	41/40/36/31	41/40/36/31	50/48/44/42	50/48/44/42	55/51/45/41
OUTDOOR UNIT	Dimension(WxDxH)	mm	800 x 333 x 554	800 x 333 x 554	845 x 363 x 702	845 x 363 x 702	946 x 410 x 810
	Net weight	Kg	33.1	33.2	43.5	53.1	64.5
	Compressor type	-	Rotary	Rotary	Rotary	Rotary	Rotary
	Fan motor output	W	40	40	50	50	120
	Outdoor noise level (sound pressure)	dB(A)	55	55	60	60	64
	Cooling usable temperature	°C	-15~50	-15~50	-15~50	-15~50	-15~50
	Heating usable temperature	°C	-15~30	-15~30	-15~30	-15~30	-15~30
PIPE SIZE	Liquid side Ø / gas side Ø	mm(inch)	6.35/9.52 (1/4" / 3/8")	6.35/12.7 (1/4" / 1/2")	6.35/12.7 (1/4" / 1/2")	9.52/15.9 (3/8" / 5/8")	9.52/15.9 (3/8" / 5/8")
	Max.refrigerant pipe length	m	25	25	30	50	50
	Max.height difference in level	m	10	10	20	25	25
	Chargeless length	m	5	5	5	5	5



DC Inverter
Control



High Density Filter



Two-directional
Airflow



Auto Swing



Turbo Mode



Timer



Louver Position
Memory Function



Manual Switch
Button



Auto Restart
Function



5 Year
Warranty

AHIC is committed to continuously improving its product to ensure the highest quality and reliability standards, and to meet local regulations and market requirements.

Product specifications in this brochure are only indicative and are subject to change. These are not intended to be used in place of the engineering or installation book.

All features and specifications are subject to change without prior notice.

All images provided in this catalogue are used for illustration purposes only.

Cooling and heating capacities mentioned for the products are nominal capacities at standard operation conditions.

Equipment rates in accordance with
MEPS 3823.2-2013 E&OE

Part number: 1037-042019
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