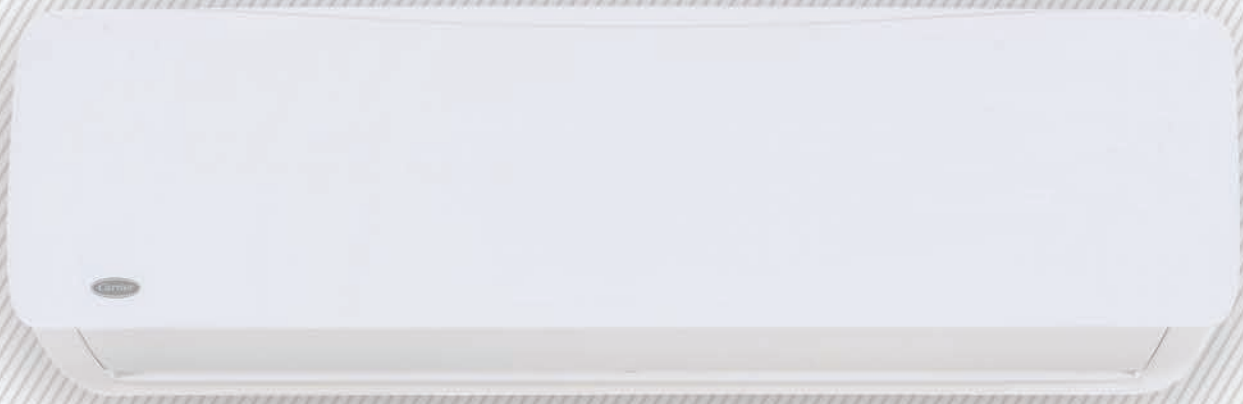


Carrier

Inventor of modern air conditioning

relax, it's cool.

Aura ULTIMATE

Hover camera over code to view product video

Rest easy.

In 1902 Willis Carrier solved one of human kind's most elusive challenges by controlling the indoor environment through modern air conditioning. His invention enabled countless industries promoting global productivity and human comfort.
It makes no difference if you live in the city, the countryside, seaside, apartment or on a block, you can rest easy knowing that your Carrier air conditioner will have you feeling warm or cool, but above all, relaxed.

The unassuming and functional design is packed with features including a 5 year warranty.

ON | OFF

MODE SET
Cool, Heat, Dry, Auto

MY MODE
Recalls your desired mode

SWING
Starts and stops Horizontal Louver

SET
Used to set the desired up/down air direction

LED
Turns on / off LED on Indoor unit

ECO - SLEEP
Economy cycle night time

TEMPERATURE UP
Max. Temp. 30°

FAN SET

TEMPERATURE DOWN
Min. Temp. 17°

X-ECO
Energy Efficiency mode

TIMER
Press to set the timer on or off

HIGH POWER (TURBO)
Press for 1 second to activate fast cooling or heating.
Press for 2 more seconds to activate Self-Clean

FOLLOW ME
Senses the temperature around the location of the controller

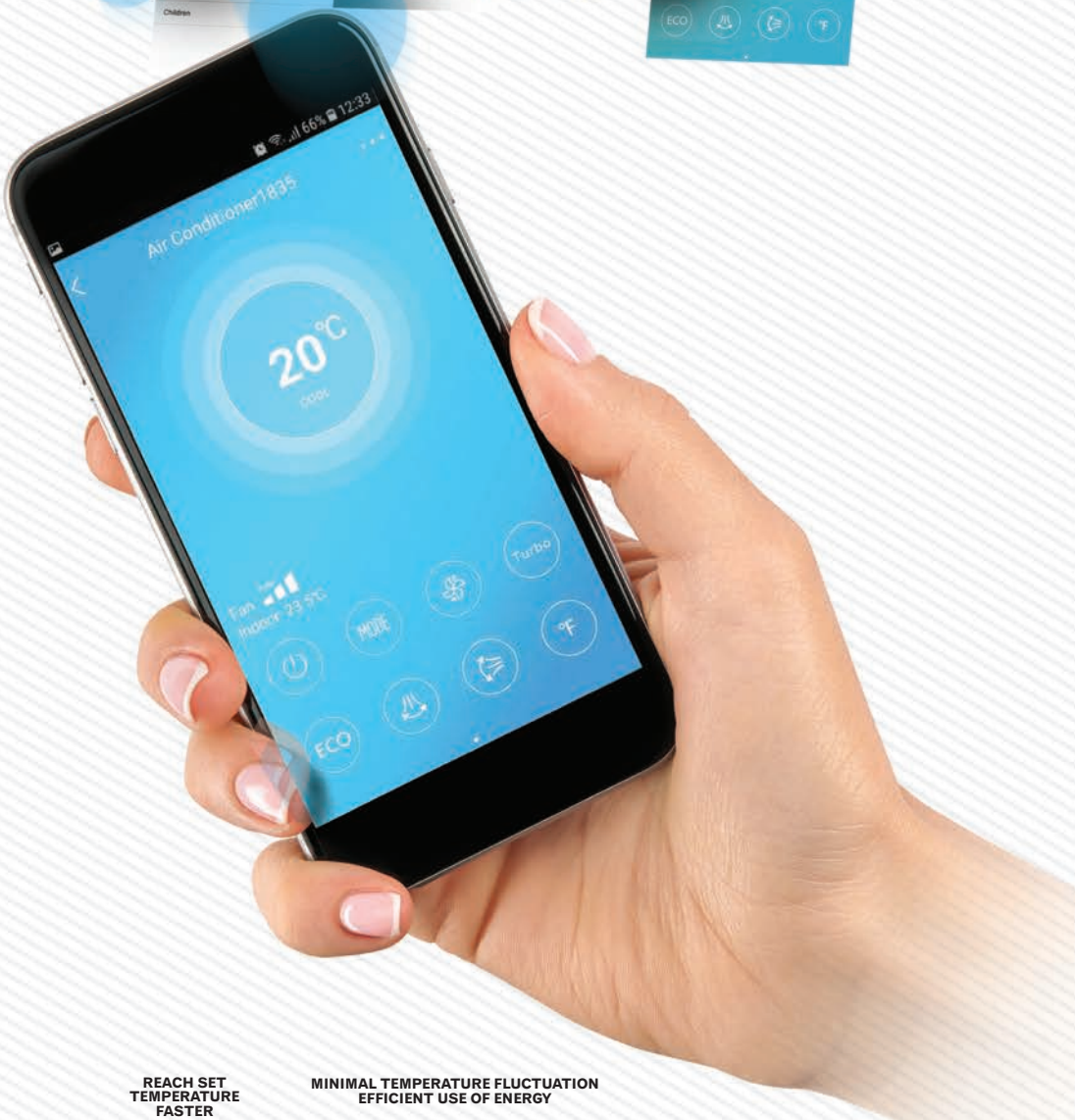
5 YEAR WARRANTY
includes parts and labour.

Carrier

WiFi* Ready.

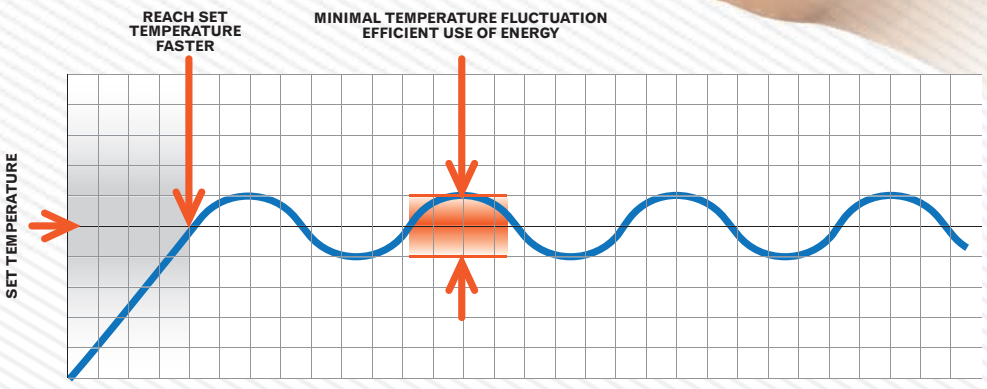
Control the air conditioner easily through an APP on your smartphone. With just a simple swipe, you will be able to turn the air conditioner on/off and select the appropriate mode and temperature.

WEEKLY TIMER:
Set timers for one week using the smartphone APP. Choose when the unit will turn on and off and repeat the weekly schedules.



What is Inverter technology.

Inverter technology is like cruise control in a car. After quickly reaching the set temperature, the Carrier Inverter air conditioner finely adjusts power to maintain a constant temperature with minimal fluctuation. The combination of Inverter energy efficiency and R32 refrigerant helps keep running costs in check to.



R32 REFRIGERANT

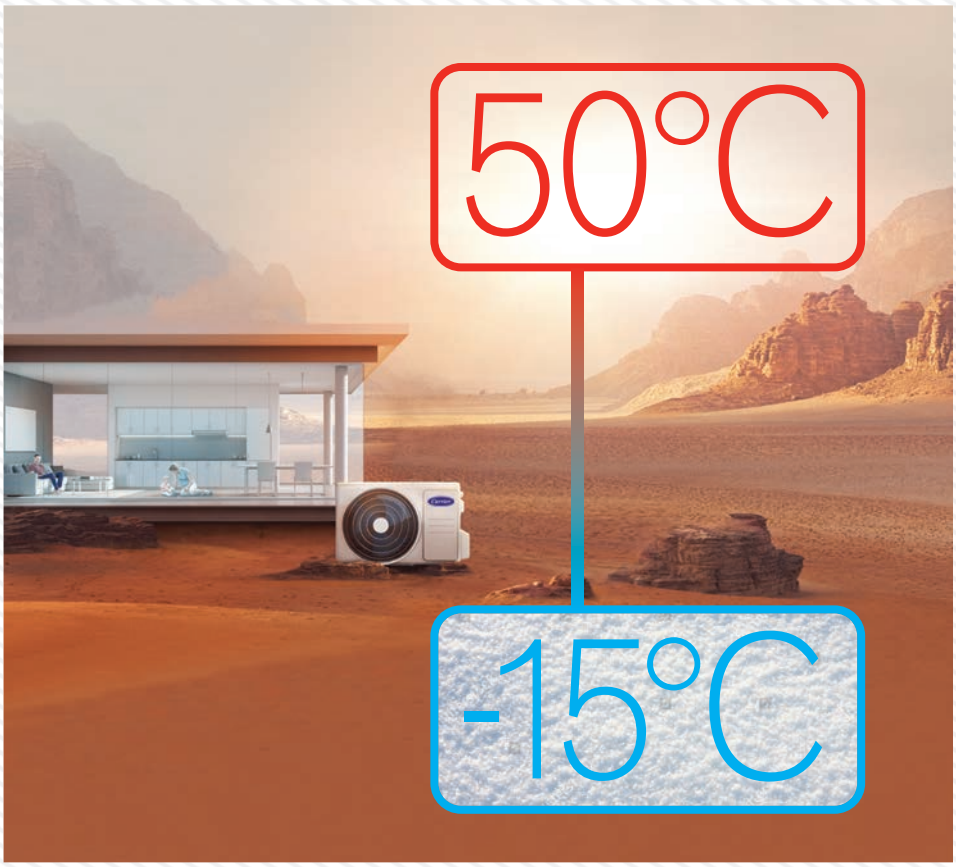
*Wi-Fi kit purchased separately Wi-fi Kit code CA04-OSK103.
Wi-Fi Not available on 8.0 and 9.0kw models

Carrier

Ambient cooling & heating

COOLING:
Even at temperatures of up to **50°C**. the system can still provide cooling without any interruptions.

HEATING:
The system will continue heating even at temperatures as low as **-15°C**.

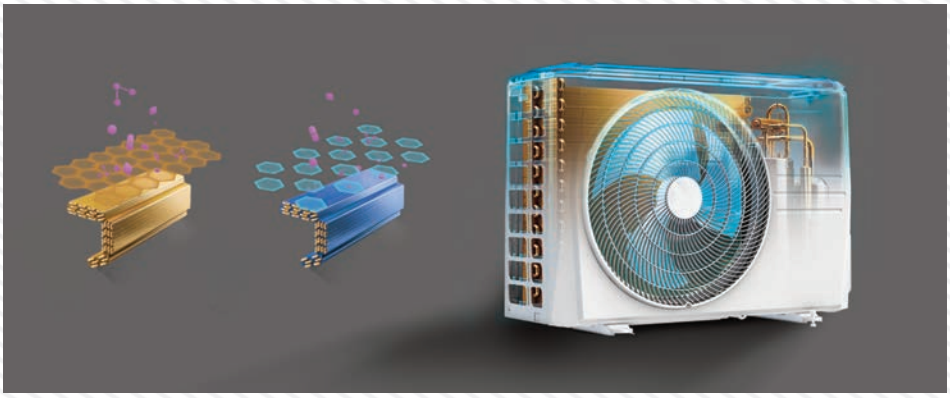


Golden
Coil Protection

GOLD FIN ANTICORROSION PROTECTION:

The anti corrosive coating on the outdoor unit heat exchangers have a special protective coating designed to resist water droplets settling and forming rust and may also be effective in some seaside locations.

5-layer precision structure on the indoor unit features anti-corrosion, self-lubrication, and self-cleaning function for higher efficiency.



Carrier

X-ECO mode

Cleverly steps the electrical frequency and fan speeds down while maintaining comfort for more economical management of running costs.

Follow Me

The remote controller has a special sensor built into it, and so it knows your desired temperature, wherever you take remote controller into the air-conditioned room.
So, if you are sitting on the sofa relaxing, and move to another part of the room the set temperature will follow you.

Sleep Mode

In cooling or heating mode the system will regulate the air around you throughout the night automatically adjusting the temperature and fan speeds to suit the set mode, without you even noticing.

In heating mode in case the outside temperature drops suddenly the unit increases the temperature without blowing cold air. After 8 hours the system turns night mode off and returns to normal operation.

Carrier

2 Step Filtration

STEP 1:
The first filter keeps out more significant dust particles, including pet fur from the indoor air.

STEP 2:
The second filter captures the common household odors and is an economical way to maintain cleaner air.

Intelligent Comfort*

Long distance air flow up to 12 meters on the larger models includes the 3D air flow function which circulates the air around the room swiftly and calmly to those hard to reach places.

Clever outdoor unit

The outdoor fan motor will rotate in reverse once the unit stops assisting in the removal of dust, dirt and other particles which may be present outside, helping to keep the outdoor unit clean and running effectively and efficiently.

*3D air flow available on 5.0, 7.0, 8.0 and 9.0kW models only

Aura Ultimate Capacities

SIZING GUIDE:	INDOOR UNIT:	OUTDOOR UNIT	STAR RATING ZONE	COOLING STARS	HEATING STARS
9-12 M² Great for the study or home office.	42QHB020N8-1	38QHB020N8-1	HOT	5.0	3.5
			AVG.	4.5	3.0
			COLD	4.5	2.5
15-25 M² Master Suite.	42QHB035N8-1	38QHB035N8-1	HOT	5.0	3.5
			AVG.	4.5	3.0
			COLD	5.0	2.5
25-35 M² Ideal for sitting room or home theatre.	42QHB050N8-1	38QHB050N8-1	HOT	4.5	3.5
			AVG.	4.0	3.0
			COLD	4.5	2.5
35-48 M² Dining or entertaining room.	42QHB070N8-1	38QHB070N8-1	HOT	3.5	3.5
			AVG.	3.5	2.0
			COLD	3.5	1.5
48-60 M² Multi purpose space.	42QHB080N8-1	38QHB080N8-1	HOT	4.0	3.0
			AVG.	4.0	2.0
			COLD	4.0	1.5
50-72 M² Open plan living space.	42QHB090N8-1	38QHB090N8-1	HOT	4.0	3.0
			AVG.	3.5	2.0
			COLD	4.0	1.5

The sizing table is strictly a guide only, it is recommended to contact a qualified Carrier Dealer to correctly assess your individual needs.
The sizing guide assumes an avearge house with insulated walls and ceiling height of 2.4M with an average North or West facing installation.

Aura Ultimate Specifications

	Model Number - System		53QHB020N8-1	53QHB026N8-1	53QHB035N8-1	53QHB050N8-1	53QHB070N8-1	53QHB080N8-1	53QHB090N8-1
	- Indoor		42QHB020N8-1	42QHB026N8-1	42QHB035N8-1	42QHB050N8-1	42QHB070N8-1	42QHB080N8-1	42QHB090N8-1
	- Outdoor		38QHB020N8-1	38QHB026N8-1	38QHB035N8-1	38QHB050N8-1	38QHB070N8-1	38QHB080N8-1	38QHB090N8-1
	Refrigerant Type		R32	R32	R32	R32	R32	R32	R32
	Power Supply	Volts-Phase-Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz	220-240V, 1Ph,50Hz
COOLING	Capacity - Rated	kW	2.10	2.36	3.55	5.05	7.00	8.00	9.10
COOLING	Capacity - Range (Min / Max)	kW	1.10/3.35	1.10/3.35	0.96/4.06	2.30/6.03	3.31/7.96	3.13/9.13	3.13/9.13
COOLING	Seasonal Efficiency (Hot / Average / Cold)	Star Rating	5/4.5/4.5	5.5/4.5/5	5/4.5/5	4.5/4/4.5	3.5/3.5/3.5	4/4/4	4/3.5/4
COOLING	Operating Current	A	2.90	3.70	3.70	5.30	8.50	9.10	11.40
HEATING	Capacity - Rated	kW	2.86	3.30	3.98	5.35	8.25	10.10	10.10
HEATING	Capacity - Range (Min / Max)	kW	1.23/3.49	1.23/3.49	1.24/4.14	1.44/6.05	2.49/8.20	2.91/10.83	2.91/10.83
HEATING	Seasonal Efficiency (Hot/Average/Cold)	Star Rating	3.5/3/2.5	3.5/3/2.5	3.5/3/2.5	3.5/3/2.5	3.5/2/1.5	3/2/1.5	3/2/1.5
HEATING	Operating Current	A	3.90	3.20	4.20	5.20	9.30	12.70	12.70
INDOOR UNIT	Dimension (W×D×H)	mm	802x189x297	802x189x297	802x189x297	1080x226x335	1080x226x335	1259x282x362	1259x282x362
INDOOR UNIT	Packing (W×D×H)	mm	875x285x380	875x285x380	875x285x380	1155x415x320	1155x415x320	1340x450x380	1340x450x380
INDOOR UNIT	Net/Gross Weight	kg	8.5/10.9	8.5/10.9	8.6/11.1	13.5/17.1	13.7/17.3	19.5/25.4	19.5/25.4
INDOOR UNIT	Cooling Airflow (Hi/Mi/Lo)	m^3/hr	550/480/350	550/480/350	550/480/350	1091/975/868	1165/1053/933	1356/1093/965	1356/1093/965
INDOOR UNIT	Moisture Removal	L/hr	0.70	0.80	1.30	1.40	2.10	2.30	2.50
INDOOR UNIT	Sound Pressure (Hi/Mi/Lo) - 1m	dB(A) (@spl)	36.5/33.5/27	36.5/33.5/27	37/33/25.5	47/45/42.5	48.5/46/43	50/44/40	50/44/40
OUTDOOR UNIT	Dimension (W×D×H)	mm	765x303x555	765x303x555	765x303x555	890x342x673	890x342x673	946x410x810	946x410x810
OUTDOOR UNIT	Packing (W×D×H)	mm	887x337x610	887x337x610	887x337x610	995x398x740	995x398x740	1090x500x875	1090x500x875
OUTDOOR UNIT	Net Weight / Gross Weight	kg	26.9/29.3	26.9/29.3	28.1/30.5	37.9/41	43.3/46	64.5/69.2	64.5/69.2
OUTDOOR UNIT	Inverter Compressor Type		ROTARY/Single	ROTARY/Single	ROTARY/Single	ROTARY/Single	ROTARY/Twin	ROTARY/Twin	ROTARY/Twin
OUTDOOR UNIT	Cooling - (Sound Pressure) (H)	dB(A) (@spl)	55.8	55.8	56.3	59.5	61.6	64.4	64.4
OUTDOOR UNIT	Cooling Usable Temperature Range		0~50	0~50	0~50	0~50	0~50	0~50	0~50
OUTDOOR UNIT	Heating Usable Temperature Range		-15~30	-15~30	-15~30	-15~30	-15~30	-15~30	-15~30
PIPE SIZE	Liquid Line Ø/Gas Line Ø	(inch)	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"	3/8' / 5/8"	3/8' / 5/8"	3/8' / 5/8"
PIPE SIZE	Coupler Style		Flare joint	Flare joint	Flare joint	Flare joint	Flare joint	Flare joint	Flare joint
PIPE SIZE	Minimum Length	m	3	3	3	3	3	3	3
PIPE SIZE	Maximum Length	m	25	25	25	30	50	50	50
PIPE SIZE	Pre-charged	m	5	5	5	5	5	5	5
PIPE SIZE	Maximum Height Difference (Above/Below)	m	10	10	10	20	25	25	25

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 ad 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 operating conditions.

Catalogue Part number: QHB-1 20200911

Equipment rates in accordance with MEPS GEMS 2019 Determination

SALES AND SERVICE **13 COOL (13 2665)**

AHIC (Australia) Pty Ltd

Level 1 152 Wellington Road Clayton Victoria 3168

ABN 37 606 792 456

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