CHARMING SERIES (18C)

Carrier

Carrier

⬚ TECHNICAL SPECIFICATION

Indoor Unit		Unit	COOL ONLY				
			42KHG012H	42KHG018H	42KHG024H	42KHB030HN	42KHB036HN-1
Unit Size		TR	1.0	1.5	2.0	2.5	3.0
Capacity at T1	Cooling	BTU/h	12,000	18,000	22,700	31,400	36,000
		Watts	3,517	5,275	6,653	9,203	10,551
Capacity at T3		BTU/h	10,600	16,200	19,800	27,200	31,000
		Watts	3,107	4,748	5,803	7,972	9,086
Power Supply		V-Ph-Hz	220~240-1-50				
Total System Power Input (OU + IU) at T1	Cooling	Watts	990	1470	1930	2730	3120
Total System Power Input (OU + IU) at T3		Watts	1170	1750	2290	3200	3690
EER at T1		Btu/W-h	12.12	12.24	11.76	11.50	11.51
EER at T3		Btu/W-h	9.06	9.26	8.65	8.50	8.40
Air Filter Type			Washable air filter				
Air Flow Rate (High/ Medium/ Low Speed)		CFM	323/285/218	606/571/471	676/618/588	776/665/594	988/841/741
Indoor Sound Pressure Level (High/ Medium/ Low Speed)		dBA	40/36/30	46/43/41	47/45/43	51/47/44	52/48/45
Net Weight		kg	8.9	14.9	13.8	19.8	20.6
Dimensions (W x D x H)		mm	802x200x295	1082x234x337	1082x234x337	1259x362x282	1350×272×365
Pipe Connection Size	Liquid	inch	1/4"	1/4"	3/8"	3/8"	3/8"
	Suction	inch	1/2"	1/2"	5/8"	3/4"	3/4"

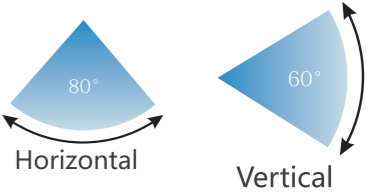| Outdoor Unit		Unit	COOL ONLY				
			38KHG012H	38KHG018H	38KHG024H	38KHB030HN	38KHB036HN-1
Power Supply		V-Ph-Hz	220~240-1-50				
Compressor Type			ROTARY				
Refrigerant			R410A				
Refrigerant Pipe (Max Length)	Vertical + Horizontal	mts	20	25	25	25	25
	Vertical (OU & IU)	mts	8	10	10	10	10
Recommended Wire Size/No. of Wires for Power Supply *	mm^2/qty		1.5 / 2 + 1 Earth	2.5 / 2 + 1 Earth		4.0 / 2 + 1 Earth	4.0 / 2 + 1 Earth
Recommended Wire Size/No. of Wires Between Indoor and Outdoor unit *			1.5 / 3	2.5 / 3	2.5 / 4	1.0 / 4	1.0 / 4
Dimensions (W x D x H)		mm	805x330x554	890x342x673	890x342x673	946x420x810	900×350×1170
Net Weight		kg	32.3	46.2	50.4	68.5	81.3
Max Outdoor Air Temperature Operation		°C	52				

Remarks:

1. T1 conditions: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air Temperatures 35°C (DB) / 24°C (WB)

2. T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)

* Recommended wire sizes are for reference & guidance ONLY, all field wires should comply with National and International Electrical Codes
The above design and specifications are subject to change without prior notice for product improvement.
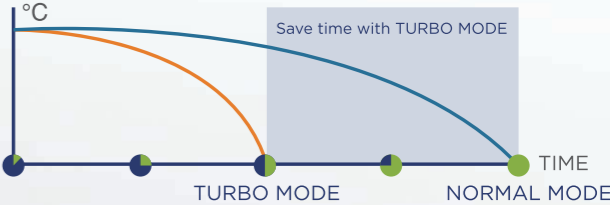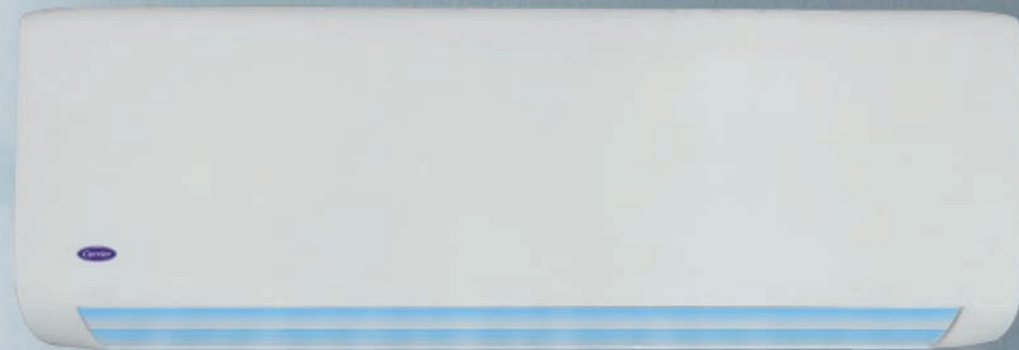
⬚ 3D AIR FLOW

80° Horizontal   60° Vertical

The directional air-outlet moves automatically both horizontally and vertically, directing nice and cool airflow to fill in every corner of the room.

❄ QUICK COOLING BY TURBO MODE

With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest amount of time.

°C   Save time with TURBO MODE

TIME

TURBO MODE   NORMAL MODE

HEALTHY AND ENJOY SUMMER

DUAL FILTRATION

DUAL FILTRATION

The Dual Filtration system thoroughly eliminates
harmful substances through the 2 steps, providing fresh and clean air to you.

STEP1: High Density Pre Filter

Dust

Dog hair   Dead mite feces   Fung

STEP2: Micro Protection Filter

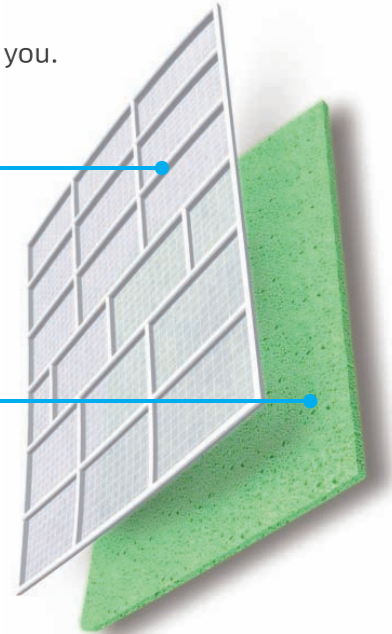Pollen (Allergen), smoke, micro dust(under 0.3um)
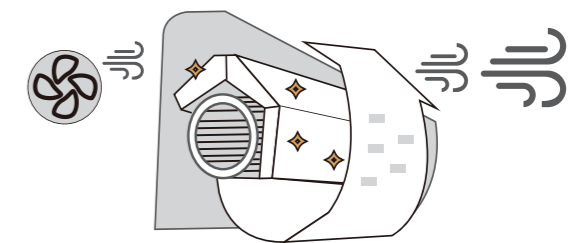
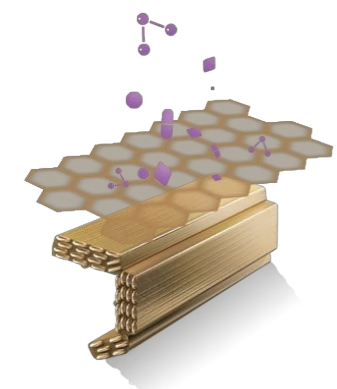Flower pollen   Bacteria   Car exhaust fumes   Smoke

SELF CLEAN

This function helps reduce mould growth
in the air conditioner by operating in low
fan mode to dry the coils, so you can enjoy
healthy air all year round. Simply press and
hold the "High Power" button for more
than 2 seconds to activate the Self Clean
function, the controller will automatically
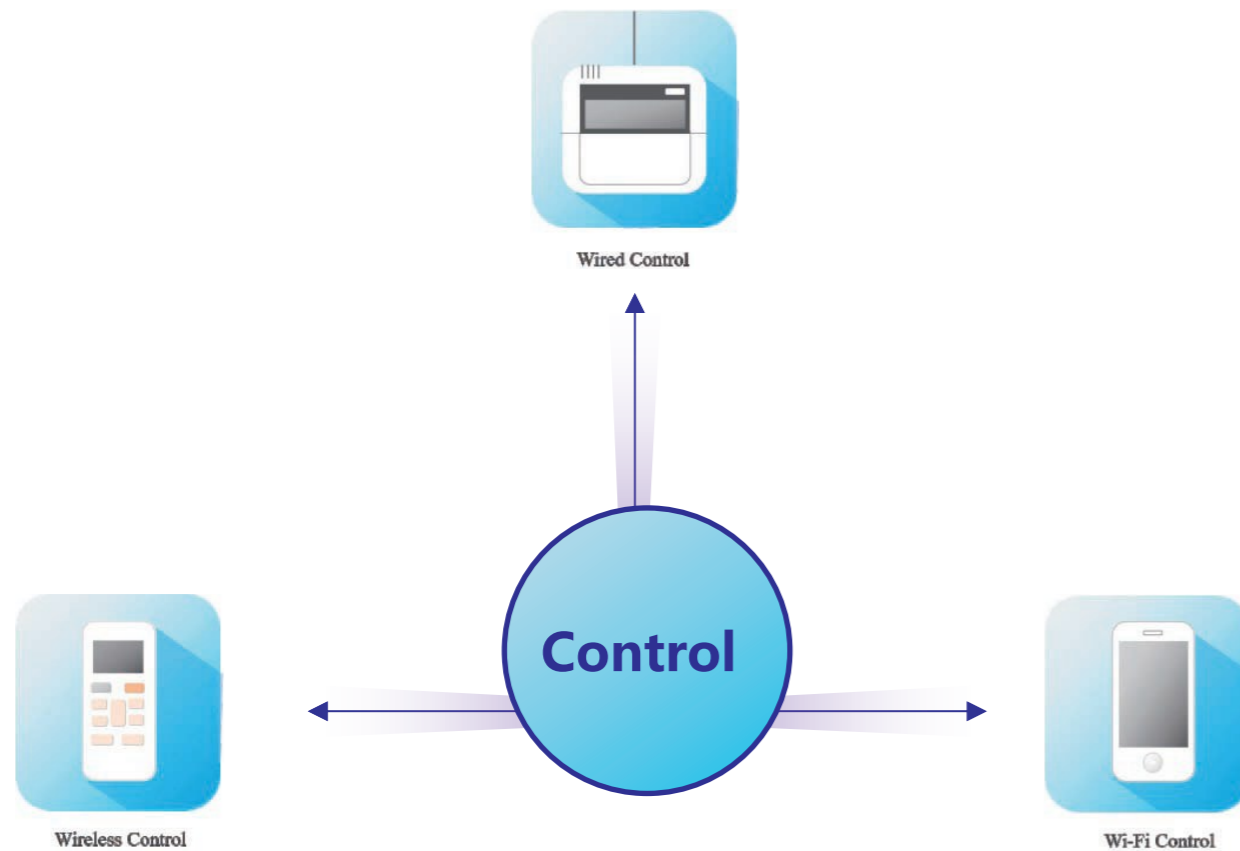manage the process.

GOLDEN FIN

The unique anticorrosive golden coating on the indoor
coil exchangers can withstand the corrosive elements.
It also effectively prevents bacteria from breeding and
improves heat efficiency.

SMART CONTROL

- **Optional with different controls, suitable many applications.**
  (Only one can be chose together with the IR wireless controller).

- **IR Wireless Control**
  Standard with the basic functions for the end user.

- **Wired Control**
  Same function with the IR wireless control, used for the commercial place.

- **WIFI Control**
  Online control to have more functions.

Wired Control

Control

Wireless Control

Wi-Fi Control

EASY INSTALLATION
Easy installation, without too much manpower, installation without any difficulty, only simple installation tools

INSTALLATION STEPS

- Bigger wiring
- Easier wiring

- Narrow Space
- Compact Wiring Terminal

- Open Space
- Broad Wiring Terminal

-20%-

Time Saving