TECHNICAL SPECIFICATION

Fan Coil Unit (Indoor)		UNIT	COOL ONLY		HEAT PUMP			
Model Number			42KHG018VS	42KHG024VS	42QHG012VS	42QHG018VS	42QHG024VS	42QHA030VSP
Rated Capacity at T1	Cooling	BTU/h	17100	21000	11600	17400	21000	27000
Rated Capacity at T3	Cooling	BTU/h	15400	16700	10300	16000	17600	22200
Rated Capacity	Heating	Watts			3650	5250	6800	7750
Power Supply		V-Ph-Hz	230V~1Ph,60Hz		230V~,1Ph,60Hz			
Total System Power Input at T1	Cooling	Watts	1443	1728	885	1340	1693	2240
Total System Power Input at T3	Cooling	Watts	1790	1876	1090	1657	2046	2537
Total System Power Input	Heating	Watts			948	1479	2030	2183
EER at T1	Cooling	(Btu/h)/W	11.85	12.15	13.10	13.00	12.40	12.05
EER at T3	Cooling	(Btu/h)/W	8.60	8.90	9.45	9.65	8.60	8.75
SEER	Cooling	(Btu/h)/W	12.80	12.70	15.65	15.00	15.00	13.55
COP	Heating	W/W			3.85	3.55	3.35	3.55
Air Filter type			Washable air filter		Washable air filter			
Air Flow Rate (High/Medium/Low speed)		CFM	671/471/365	676/471/371	429/353/324	676/588/471	688/588/471	765/653/575
Indoor noise level (H/M/L)		dBA	48/39.5/36.0	48/41.0/39.0	41/38/33.5	48/42/35.5	48/42/32	52/47/44
Net Weight		Kg	13.7	13.4	11.3	13.7	13.4	19.9
Dimensions (W x D x H)		mm	1082x234x337	1082x234x337	971x228x321	1082x234x337	1082x234x337	1259x282x362
Pipe Connection Size	Liquid	inch	1/2	5/8	1/4	1/4	3/8	3/8
	Suction	inch	1/4	3/8	1/2	1/2	5/8	3/4
	Drain	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Condensing Unit (Outdoor)		UNIT	COOL ONLY		HEAT PUMP			
Model Number			38KHG018VS	38KHG024VS	38QHG012VS	38QHG018VS	38QHG024VS	38QHA030VSP
Power Supply		V-Ph-Hz	230V~1Ph,60Hz	230V~1Ph,60Hz	230V~,1Ph,60Hz			
Compressor Type			DC Inverter Rotary		DC Inverter Rotary			
Refrigerant			R410A		R410A			
Refrigerant Pipe (Max length)	Vertical + Horizontal	mts	30	30	25	30	50	50
	Vertical (OU & IU)	mts	20	20	10	20	25	25
Recommended Wire Size/No. of wires for Power Supply to Indoor or Outdoor Unit *		mm² / qty	2.5/3	2.5/3	1.5/3	2.5/3	2.5/3	4.0 / 3
Recommended Wire Size/No. of wires for Control from Indoor to Outdoor Unit *		mm² / qty	2.5/4	1.5/4	1.5/4	2.5/4	1.5/4	1.5 / 4
Dimensions (W x D x H)		mm	890x342x673	890x342x673	765x303x555	890x342x673	946x410x810	946x410x810
Net Weight		Kg.	35.8	47.9	27.3	40.1	55.1	62.2

Notes:

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

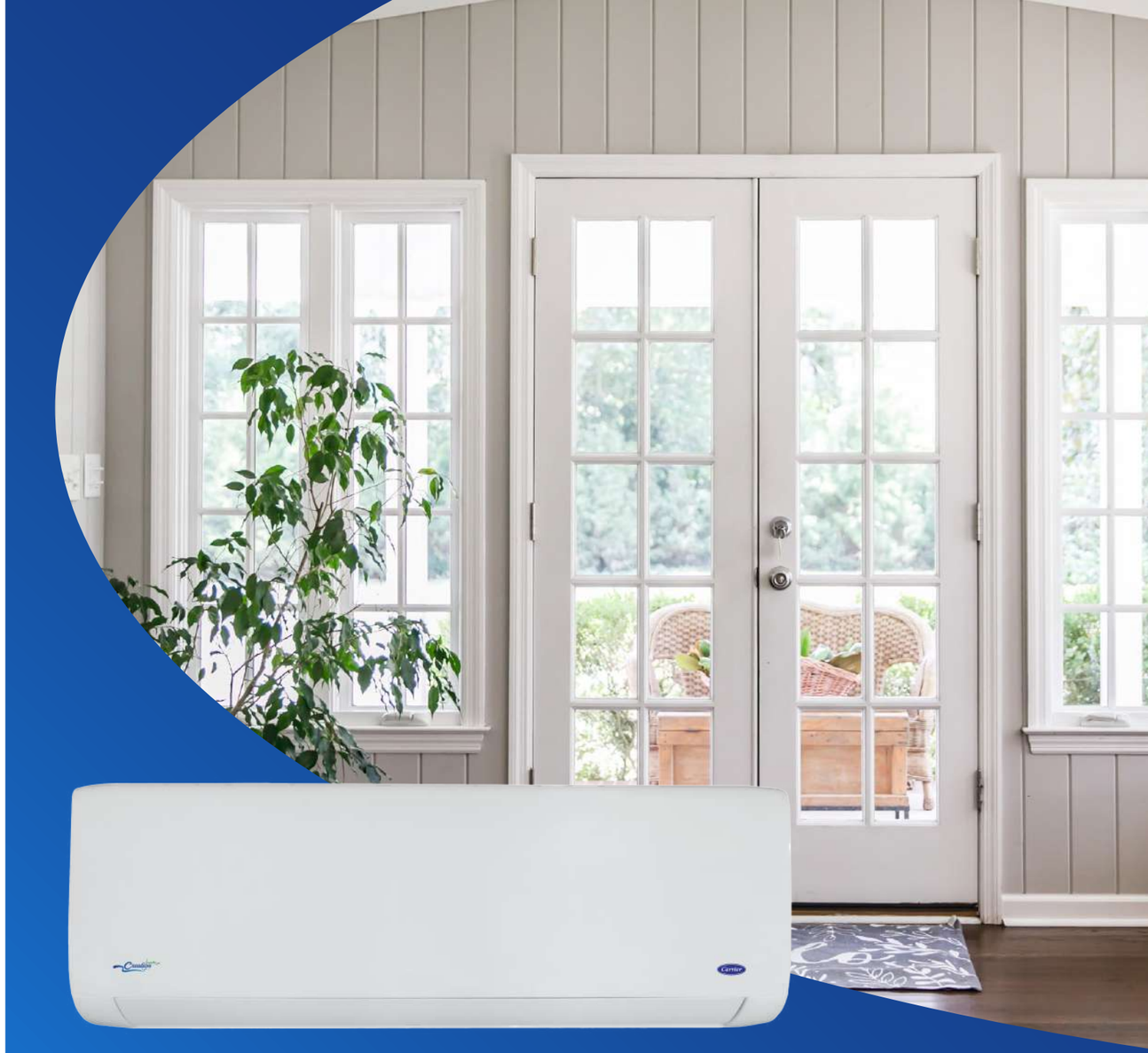
2) T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)

3) Heating condition: Indoor Air Temperature 20°C (DB) / 15°C (WB) and Outdoor Air Temperature 7°C (DB) / 6°C (WB)

** Recommended wire sizes are for reference & guidance ONLY, all field wires should comply with National and International Electrical Codes*

Carrier reserves the right to change features and/ or specifications anytime without notice and without incurring any liability

REV-12-2023-SA

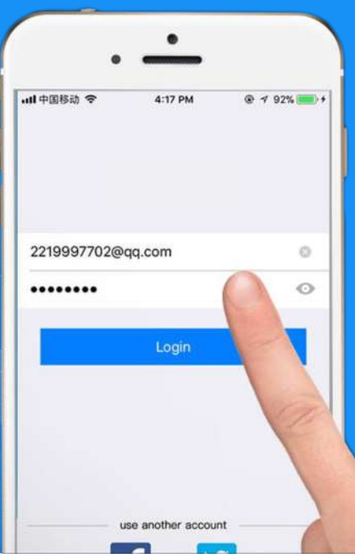


(image shown here is a 12-24K model)

INVERTER HIGH WALL UNIT

WITH NON-OZONE DEPLETING REFRIGERANT (R410A)

SMART WIFI CONTROL



Simply download the Carrier app to control your air condition er at anytime and from anywhere for ultimate convenience and peace of mind. Help your kids or grandparents operate the air conditioning, even when you're not home.

SMART CONTROL

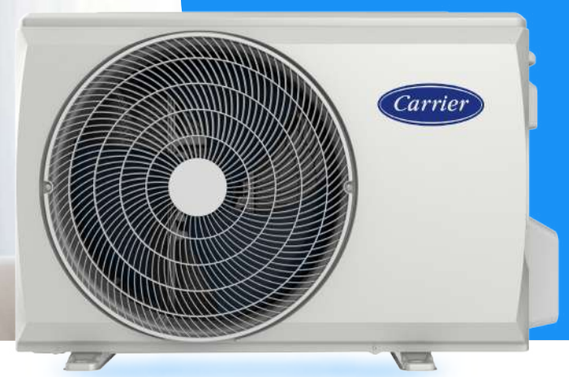
The smart air flow function allows for optimum distribution of cooled air across the entire room.

Optional with different controls, suitable for all 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.

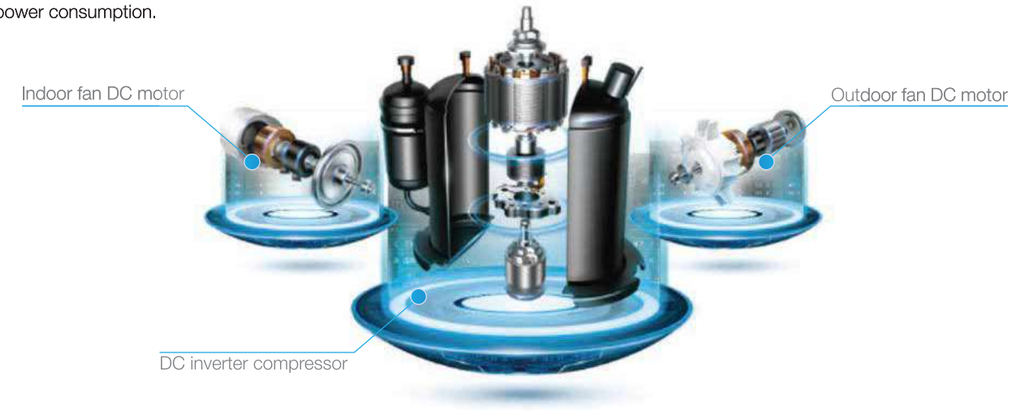
WIFI Control: Online control to have more functions.



Condensing unit (12-24K models)

Full Direct Current (DC) motor Ultra low power consumption

The upgraded DC motor power system of the inverter model forms a full DC frequency conversion system and dramatically reduces power consumption.



Tropical inverter compressor

Advanced tropical inverter compressor can achieve high efficiency under high load condition.

Auto-cooling system

New designed refrigerant pipe radiator utilize low temp. refrigerant to cool the E-box efficiently, which can improve cooling performance at high ambient temperature.

refrigerant pipe radiator

Features

3D Air Flow

The louver can be manually or automatically directed in four directions up, down, left and right, ensure an even distribution of air throughout the room.

Louver Position Memory

When you start the unit next time, the angle of horizontal louver will automatically move to the same position as you set last time.

Gold Fin (Heat Pump models)

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

Easy Installation

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

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.

Self/Active Clean

This function helps reduce mold growth in the air conditioner by cleaning and drying the coils, so you can enjoy healthy air all year round. Simply press “Clean” button to start Self Clean or Active Clean function, the machine will automatically manage the process.