

TECHNICAL SPECIFICATION

Indoor Unit		UNIT	Heat Pump				
			42QHG012VSA	42QHG018VSA	42QHG024VSA	42QHA030VSP	42QHA036VSN
Unit Size			1.0	1.5	2.0	2.3	2.8
Rated Capacity at T1	Cooling	Btu/h	12,000	18,000	24,000	27,300	33,700
Rated Capacity at T3	Cooling	Btu/h	10,400	16,300	18,300	23,200	26,600
Rated Capacity	Heating	Watts	3,950	5,570	7,350	8,350	10,000
Power Supply	V-Ph-Hz		220-240V~50/60Hz, 1Ph				
Total System Power Input at T1	Cooling	Watts	870	1,440	1,980	2,180	2,710
Total System Power Input at T3	Cooling	Watts	1,080	1,740	1,950	2,550	2,890
Total System Power Input	Heating	Watts	940	1,400	2,030	2,130	2,740
EER at T1	Cooling	Btu/W-h	13.79	12.50	12.12	12.52	12.44
EER at T3	Cooling	Btu/W-h	9.63	9.37	9.38	9.10	9.20
COP	Heating	W/W	4.20	3.98	3.62	3.92	3.65
Air Filter type			Washable filter				
Air Flow Rate (High/ Medium/ Low speed)	CFM		429/353/324	676/482/382	688/479/371	765/653/575	847/732/647
Indoor Noise Level (High/ Medium/ Low speed)	dBA		41/38/33	47/42/32	48/42/35	52/47/44	51/46/43
Net / Gross Weight	kg		11.3/14.6	13.7/17.3	13.4/17	19.9/25.5	21.3/27.6
Dimensions (W x D x H)	mm		971x228x321	1082x234x337	1082x234x337	1259x282x362	1350x272x365
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"
	Drain	mm	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5	ODΦ16.5
Outdoor Unit		UNIT	Heat Pump				
			38QHG012VSA	38QHG018VSA	38QHG024VSA	38QHA030VSP	38QHA036VSN
Power Supply	V-Ph-Hz		220-240V~50/60Hz, 1Ph				
Compressor Type			DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary	DC Inverter Rotary
Refrigerant			R410A	R410A	R410A	R410A	R410A
Refrigerant Pipe (Max. length)	Vertical + Horizontal	mts	25	30	30	50	50
	Vertical (OU & IU)	mts	10	20	20	25	25
Recommended Wire Size/No. of wires for Power Supply to Outdoor/Indoor Unit *	mm ² / qty		1.5 / 3	2.5 / 3	2.5 / 3	4.0 / 3	4.0 / 3
Recommended Wire Size/No. of wires for Control from Indoor to Outdoor Unit *			1.5 / 4	2.5 / 4	1.5 / 4	1.5 / 4	1.5 / 4
Dimensions (W x D x H)	mm		765x303x555	890x342x673	946x410x810	946x410x810	946x410x810
Net / Gross Weight	kg		27.3/29.6	38.8/42.2	55.1/59.6	62.2/66.6	64.8/69.5
Outdoor Air temperature operation (Cooling / Heating)	°C		0-52/-15-24	0-52/-15-24	0-52/-15-24	0-52/-15-24	0-52/-15-24

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)

* 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



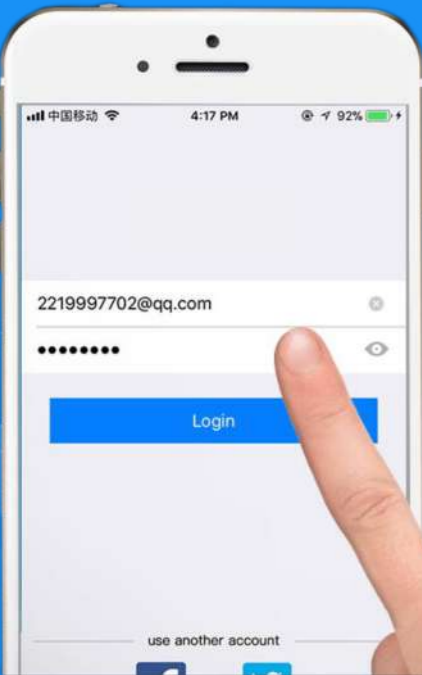
(image shown here is a 12/18/24K model)

INVERTER HIGH WALL UNIT

WITH NON-OZONE DEPLETING REFRIGERANT (R410A)



SMART WIFI CONTROL



Simply download the Carrier app to control your air conditioner 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 chosen 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 (24/30/36K 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.

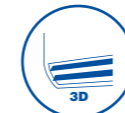


Auto-cooling system

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



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.