

TECHNICAL SPECIFICATION

Indoor Unit		Unit	COOL ONLY				
			42KHG012H2	42KHG018H2	42KHG024H2	42KHG030H2	42KHG036H2
Unit Size	Cooling	TR	1.0	1.5	2.0	2.5	3.0
Capacity at T1		BTU/h	12000	18,400	23,100	31,400	35,000
		Watts	3,517	5,393	6,770	9,203	10,258
Capacity at T3		BTU/h	10,600	16,480	20,000	27,200	28,500
		Watts	3,107	4,830	5,862	7,972	8,353
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz				
Total System Power Input (OU + IU) at T1	Cooling	Watts	960	1530	1920	2615	2940
Total System Power Input (OU + IU) at T3		Watts	1140	1830	2280	3080	3330
EER at T1		Btu/W-h	12.50	12.03	12.03	12.01	11.90
EER at T3		Btu/W-h	9.30	9.01	8.77	8.83	8.56
CSPF at T3		-	3.22	3.11	3.08	3.08	3.03
New Star Rating		-	2 star	2 star	2 star	2 star	2 star
Air Filter Type			Washable air filter				
Air Flow Rate (High/ Medium/ Low Speed)		CFM	323/285/218	706/659/603	718/665/600	777/665/594	812/718/636
Indoor Sound Pressure Level (High/ Medium/ Low Speed)		dBA	40/37/30	47/45/43	48/46/45	51/47/44	51/47/44
Net Weight		kg	8.9	13.6	13.7	19.6	20.6
Dimensions (W x D x H)		mm	802x200x295	1082x234x337	1082x234x337	1259x283x362	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"
Outdoor Unit		Unit	COOL ONLY				
			38KHG012H2	38KHG018H2	38KHG024H2	38KHG030H2	38KHG036H2
Power Supply		V-Ph-Hz	220-240V,1Ph,50Hz				
Compressor Type			ROTARY	ROTARY	ROTARY	TWIN-ROTARY	RECIPROCATING
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 to FCU or Condensing 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 FCU to Condensing Unit *			1.5 / 3	2.5 / 3	2.5 / 4	1.5 / 4	1.0 / 4
Dimensions (W x D x H)		mm	805x330x554	805x330x554	890x342x673	946x410x810	946x410x810
Net Weight		kg	32.3	35.6	45.8	68.5	78.5
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



REV-02-2026-AE



FIXED SPEED
HIGH WALL UNIT

42KHG & 38KHG
WITH NON-OZONE DEPLETING REFRIGERANT (R410A)



WE ARE CARRIER

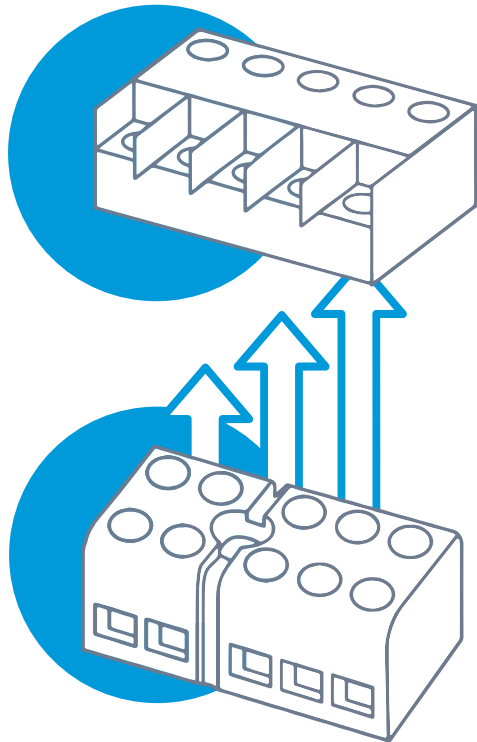
As global providers of sustainable cooling and refrigeration solutions, we're committed to making world safer and more comfortable for generations to come. We are innovators at heart and inventors by heritage. We have always led in pioneering new technologies and in enabling entirely new industries, that have changed the world. Today, building on our history of firsts, we're boldly advancing the industries we created to make a difference in people's lives.

INSTALLATION MADE EASY

Bigger wiring terminal & easier wiring connection



Time Saving



Open Space
Broad Wiring Terminal

Narrow Space
Compact Wiring Terminal

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.

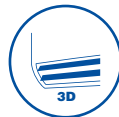
Wired Control: Same function with the IR wireless control, used for the commercial place.

WIFI Control: Online control to have more functions.



Condensing unit (18K model)

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.



Fireproof
improvement
(indoor)

When the fire occurs in the BMC E-box, the temperature can reach 600-700°C. BMC E-box can block the 600-700°C fire for 30minutes. BMC E-box was usually used in R290 (propane) unitary products.



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 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.

Note:

- Wifi function, Bigger wiring terminal, BMC E-box improvement apply to KHG models only
- Indoor model picture shown on page 1 is for 42KHG18 model