

TECHNICAL SPECIFICATION

Indoor Unit		Unit	COOL ONLY				
			42KHG012H	42KHG018H	42KHG024H	42KHB030HN	42KHB036HN-1
Unit Size	Cooling	TR	1.0	1.5	2.0	2.5	3.0
Capacity at T1		BTU/h	12,000	18,000	22,700	31,400	35,800
		Watts	3,517	5,275	6,653	9,203	10,492
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	960	1,470	1,880	2,615	3,000
Total System Power Input (OU + IU) at T3		Watts	1,140	1,750	2,270	3,080	3,550
EER at T1		Btu/W-h	12.50	12.24	12.07	12.01	11.93
EER at T3		Btu/W-h	9.30	9.26	8.72	8.83	8.73
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	13.0	14.9	19.8	20.6	
Dimensions (W x D x H)	mm	802x200x295	1082x234x337	1082x234x337	1259x362x282	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				
			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 to FCU or Condensing Unit *	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 for Control from FCU to Condensing 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	900x350x1170	
Net Weight	kg	32.3	46.2	50.4	68.5	81.3	
Max Outdoor Air Temperature Operation	°C	52					

Note:
 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.



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REV-12-2023-AE



FIXED SPEED HIGH WALL UNIT

42KHG/KHB & 38KHG/KHB

WITH NON-OZONE DEPLETING REFRIGERANT (R410A)



WE ARE CARRIER

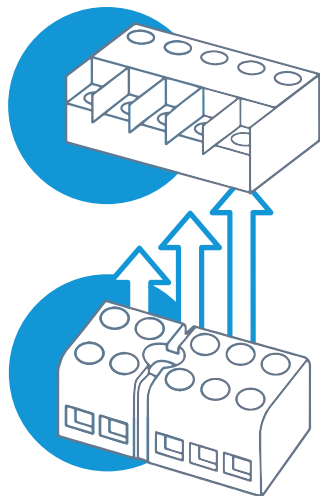
As global providers of sustainable cooling and refrigeration solutions, we're committed to making world safer and more comfortable for generations to come. We are innovators at heart and inventors by heritage. We have always led in pioneering new technologies and in enabling entirely new industries, 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 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 (18 & 24K models)

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 30 minutes. 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 picture shown on page 1 is only for the KHG model