



AIR CONDITIONING SOLUTIONS

High Wall Unit 42KHB

Keep your **air cool** and **clean**

Features

- Sleep mode
- Auto restart function
- Dry mode
- Low noise level
- Four way air distribution system



علامة الجودة الإماراتية
Emirates Quality Mark



Technical specifications

Indoor Unit		Unit	COOL ONLY			
			42KHB018H	42KHB024H	42KHB030H	42KHB036H
Unit Size	Cooling	TR	1.5	2.0	2.5	3.0
Capacity at T1		BTU/h	18,000	22,000	30,000	35,000
		Watts	5,275	6,448	8,792	10,258
Capacity at T3		BTU/h	16,000	19,800	26,000	30,000
		Watts	4,689	5,803	7,620	8,792
Power Supply		V-Ph-Hz	220-240/1 - 50			
Total System Power Input (OU + IU) at T1	Cooling	Watts	1,525	1,896	2,586	3,000
Total System Power Input (OU + IU) at T3		Watts	1,777	2,385	3,058	3,720
EER at T1		Btu/w-h	11.8	11.6		
EER at T3		Btu/w-h	9.3	8.3	8.5	8.0
Air Filter Type		Washable air filter				
Air Flow Rate (High/ Medium/ Low Speed)		CFM	647/518/453/	676/529/465	794/706/576	965/811/681
Indoor Sound Pressure Level (High/ Medium/ Low Speed)		dBA	47.5/41/37	49/42/38	51/41/42	51/47/43
Net Weight		Kg	14.5	15.0	22.0	24.0
Dimensions (W x D x H)		mm	1082x338x225	1082x338x225	1259x362x282	1450x340x266
Pipe Connection Size	Liquid	inch	1/4"	3/8"		
	Suction	inch	1/2"	5/8"	3/4"	
	Drain	inch	5/8"			
Outdoor Unit		Unit	COOL ONLY			
			38KHB018H	38KHB024H	38KHB030H	38KHB036H
Power Supply		V-Ph-Hz	220/240-1-50			
Compressor Type			Rotary			
Refrigerant			R410A			
Refrigerant Pipe (Max Length)	Vertical + Horizontal	mts	20	25		30
	Vertical (OU & IU)	mts	8	10		20
Recommended Wire Size/No. of Wires for Power Supply to Condensing Unit *		mm² / qty	2.5 / 2 + 1 Earth			
Recommended Wire Size/No. of Wires for Power Supply FCU to Condensing Unit *			2.5 / 3	1.0 / 4		
Dimensions (W x D x H)		mm	845x363x702	946x420x810		
Net Weight		Kg	47.0	63.0	67.0	78.5
Max Outdoor Air Temperature Operation		°C	52			

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 without notice and without incurring any liability