



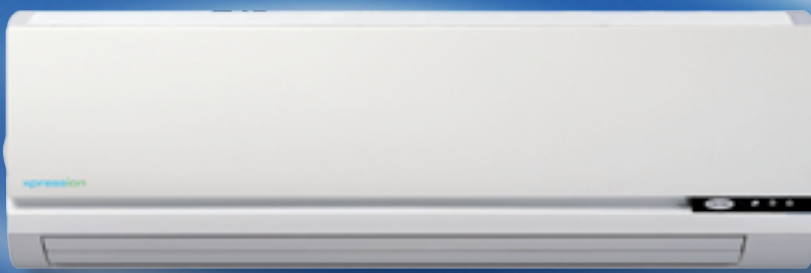
AIR CONDITIONING SOLUTIONS

High Wall Unit 42KH / 42XP

Technology at its best

Features

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



علامة الجودة الإماراتية
Emirates Quality Mark

xpression



Technical specifications

Indoor Unit		Unit	COOL ONLY			
			42KHC0207K	42KHD0247K	42XP090C7A	42XP100C7A
Unit Size	Cooling	TR	1.5	2.0	2.5	3.0
Capacity at T1		BTU/h	20,000	23,500	30,000	36,000
		Watts	5,862	6,887	8,792	10,551
Capacity at T3		BTU/h	17,500	20,500	26,000	30,200
	Watts	5,129	6,008	7,620	8,851	
Power Supply		V-Ph-Hz	220/240-1-50			
Total System Power Input (OU + IU) at T1	Cooling	Watts	1,871	2,536	3,310	3,913
Total System Power Input (OU + IU) at T3		Watts	2,078	2,813	3,826	4,354
EER at T1		Btu/W-h	10.43	9.06	9.09	8.76
EER at T3		Btu/W-h	8.16	7.19	6.81	6.90
Air Filter Type			1 step / Dust Collector			
Air Flow Rate (High/ Medium/ Low Speed)		CFM	537 / 472 / 413	570 / 537 / 472	730 / 630 / 530	830 / 730 / 630
Indoor Sound Pressure Level (High/ Medium/ Low Speed)		dBA	44 / 42 / 40	46 / 44 / 42	47 / 44 / 41	49 / 47 / 44
Net Weight		kg	14		23	
Dimensions (W x D x H)		mm	1080 x 200 x 295		1460 x 240 x 340	
Pipe Connection Size	Liquid	inch	3/8"	3/8"	1/4"	1/4"
	Suction	inch	5/8"	5/8"	5/8"	3/4"
	Drain	inch	5/8"	5/8"	3/4"	3/4"
Outdoor Unit		Unit	COOL ONLY			
			38KHC0207K	38KHD0247K	38XP090C7A	38XP100C7A
Power Supply		V/Ph/Hz	220/240-1-50			
Compressor Type			Reciprocating		Rotary	Reciprocating
Refrigerant			R22			
Refrigerant Pipe (Max Length)	Vertical + Horizontal	mts	15	15	20	20
	Vertical (OU & IU)	mts	10	10	10	10
Recommended Wire Size/No. of Wires for Power Supply to Condensing Unit *		mm ² / qty	2.5 / 2 + 1 Earth		4.0 / 2 + 1 Earth	
Recommended Wire Size/No. of Wires for Control from FCU to Condensing Unit *			1.0 / 3 + 1 Earth			
Dimensions (W x D x H)		mm	900 x 320 x 690			800 x 300 x 1065
Net Weight		Kg	58	58	61	81
Max Outdoor Air Temperature Operation		°C	52			

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.

