



AIR CONDITIONING SOLUTIONS

# High Wall Unit 42KH-PK / 42XP-PA

The **ultimate expression**  
of **comfort**

## Features

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



علامة الجودة الإماراتية  
Emirates Quality Mark

xpression *Prime*



## Technical specifications

Indoor Unit		Unit	COOL ONLY			
			42KHC0207PK	42KHD0247PK	42XP090C7PA	42XP100C7PA
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			5 steps/ Dust Collector+Carbon+Triple filter and Ionizer		6 steps/ Dust Collector+Carbon+ Photo Catalytic+Triple filter and Ionizer	
Air Flow Rate (High/ Medium/ Low Speed)			537 / 472 / 413	570 / 537 / 472	730 / 630 / 530	830 / 730 / 630
Indoor Sound pressure Level (High/ Medium/ Low Speed)			44 / 42 / 40	46 / 44 / 42	47 / 44 / 41	49 / 47 / 44
Net Weight			14		23	
Dimensions (W x D x H)			1080 x 231 x 295		1460 x 277 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 <sup>2</sup> / 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		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