RESIDENTIAL AND COMMERCIAL R32

TOP CLASS DC INVERTER

Wall HKEU 264-354 ZAL

NEW

Wi-Fi
(optional)

Infrared remote control

- "3D" air diffusion
- Photocatalytic filter
- Position memorization function louvres

Main features

Models available in 2 power sizes 2.64 ~ 3.52 kW.

Seasonal energy efficiency class in cooling/heating mode: A+++/A++ (2.64 kW); A++/A++ (3.52 kW).

SEER/SCOP values 8.5/4.6 (2.64 kW).

Operating range in cooling and heating: -15~43° C; -30~30° C.

Extremely quiet: 21.5 dB(A) (2.64 kW); 22 dB(A) (3.52 kW).

Compact dimensions: only 189 mm deep.

Installation flexibility: up to 25 m splitting length and 10 m height difference between O.U. and I.U.

Possibility of access to tax deductions and to the thermal account.

Indoor unit model			HKEU 264 ZAL	HKEU 354 ZAL
Outdoor unit model			HCNI 264 ZA	HCNI 354 ZA
Type			DC-Inverter heat pump	
Control			Remote control	
Rated capacity (T=+35°C)	Cooling	kW	2.64 (0.91~4.40)	3.52 (0.93~4.75)
Rated absorbed power (T=+35°C)		kW	0.60 (0.05~1.55)	0.98 (0.05~1.59)
Rated energy efficiency coefficient		EER[3]	4.40	3.59
Seasonal energy efficiency class		626/2011[1]	A+++	A++
Seasonal energy efficiency index		SEER[2]	8.5	8.1
Annual energy consumption		kWh/a	111	155
Theoretical load (Pdesignc)		kW	2.7	3.5
Rated capacity (T=+7°C)	Heating	kW	2.86 (0.79~6.30)	3.81 (0.98~6.50)
Rated absorbed power (T=+7°C)		kW	0.65 (0.14~2.10)	1.026 (0.17~2.13)
Rated energy performance coefficient		COP[3]	4.42	3.71
Energy efficiency class (average season)		626/2011[1]	A++	A++
Seasonal energy efficiency class index (average season)		SCOP[2]	4.6	4.6
Annual energy consumption		kWh/a	792	852
Theoretical load (Pdesignh)		kW	2.2	2.8
Operating limits (external temperature)	Cooling	°C	-15~43	-15~43
	Heating	°C	-30~30	-30~30
Electrical data				
Power	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 2.5 mm^2	
Absorbed current (rated)	Cooling	A	0.5~7.0	0.5~7.0
	Heating	A	1.0~9.2	1.2~9.4
Maximum current		A	10	10
Maximum absorbed power		kW	2.35	2.35
Connection wires between I.U. and O.U.		no.	5	5
Refrigerant circuit				
Refrigerant (GWP)[4]			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	0.87	0.87
Tons of CO2 equivalent		t	0.587	0.587
Diameter of refrigerant piping on liquid/gas		mm (inches)	ø6.35(1/4") - ø9.52(3/8")	ø6.35(1/4") - ø9.52(3/8")
Max splitting length		m	25	25
Max height difference I.U. /O.U.		m	10	10
Split length without additional charge		m	5	5
Additional load		g/m	12	12
Indoor unit specifications				
Dimensions	LxDxH	mm	802x189x297	802x189x297
	Net weight	Kg	8.5	8.5
Sound pressure level (I.U.)	Hi/Mi/Lo/ULo	dB(A)	42/35/25/21.5	42/35/25/22
Sound power level (I.U.)	Hi	dB(A)	56	56
Handled air volume	Hi/Mi/Lo	m^3/h	611/479/360	611/479/360
Motor power (Output)		W	50	50
Specifications of outdoor units				
Dimensions	LxDxH	mm	800x333x554	800x333x554
	Net weight	Kg	34.7	34.7
Sound pressure level (O.U.)		dB(A)	55.5	55.5
Sound power level (O.U.)		dB(A)	64	65
Handled air (Max)		m^3/h	2000	2000
Motor power (Output)		no. x W	40	40
Optional parts				
Wired remote control			NO	
Centralised control			NO	
Wi-Fi module			KK-WIFI KIT	

1 EU Delegated Regulation No.626/2011 on the new labelling indicating the energy consumption of air conditioners. 2 EU Regulation No.206/2012 - - Value measured according to harmonised standard EN14825. 3 Value measured according to harmonised standard EN14511. 4 Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.