

## V-DESIGN DC INVERTER

Clean air, design, high performance



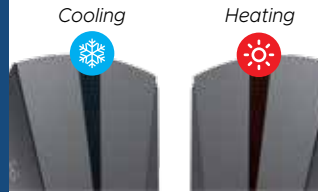
### Turbo function

In both cooling and heating modes, Turbo function allows the user to quickly reach desired temperature to immediately cool or heat rooms.



### High density filter

These remove dust and pollen by up to 80% and prolong the dust-proof effect.



### Light effects

During operation, V-Design uses two colours to indicate which operating mode is set: blue for cooling, orange for heating.



*delivery air angle on the previous model.*

### Storing air flow louvre position

When the V-Design is switched back on, this function allows the horizontal deflector to maintain the same angle tilt used and stored during the last machine use.



### Auto-brightness

When the room light is off, the display goes dark slowly after 5s, the fan speed is reduced and the buzzer goes into silent mode. When the room is back to light, these functions resume automatically according to the previous settings.



### Wi-Fi control

Conveniently control air conditioners via smartphone. KK-Wi-Fi is a simple, intuitive app that allows users to control air conditioning wherever you are. Available for iOS and Android.



### Simplicity of installation

The condensate drain pipe is characterised by flexibility and the possibility of two applications (right and left). The new layout of the indoor unit mounting brackets makes wall application more secure.



### Simplicity of maintenance

V DESIGN wall unit design facilitates all maintenance, disassembly and cleaning operations.

# RESIDENTIAL AND COMMERCIAL R410A

## V-DESIGN DC INVERTER

**Wall** HKEU 262-352-532 XAL-(S)-1



Black (standard)

Silver

### Main features

Model available with 3 different power levels:  
2.64-5.50 kW.

Seasonal energy efficiency class in cooling/heating mode: A++/A+.

SEER/SCOP values 7.4/4.1 (2.64 kW).

Operating range in cooling and heating: -15~50° C; -20~30° C.

Extremely quiet: 20 dB(A) (2.64 kW);  
21 dB(A) (3.52~5.50 kW).

Installation flexibility: up to 30 m splitting length and  
20 m height difference between O.U. and I.U.  
(5.50 kW).



Indoor unit model		HKEU 262 XAL-(S)-1		HKEU 352 XAL-(S)-1		HKEU 532 XAL-(S)-1		
Outdoor unit model		HCNI 260 XA-1		HCNI 352 XA		HCNI 533 XA		
Type		DC-Inverter heat pump						
Control		Remote control						
Rated capacity (T=+35°C)		kW	2.64 (1.23~3.30)	3.52 (1.33~4.47)	5.50 (1.82~6.07)			
Rated absorbed power (T=+35°C)		kW	0.71 (0.10~1.26)	1.07 (0.10~1.71)	1.70 (0.14~2.35)			
Rated energy efficiency coefficient	Cooling	EER <sup>3</sup>	3.71	3.29	3.23			
Seasonal energy efficiency class		626/2011 <sup>1</sup>	A++	A++	A++			
Seasonal energy efficiency index		SEER <sup>2</sup>	7.4	6.9	6.6			
Annual energy consumption		kWh/a	123	178	281			
Theoretical load (Pdesignc)		kW	2.6	3.5	5.3			
Rated capacity (T=+7°C)	Heating	kW	2.95 (0.85~3.72)	4.16 (1.04~4.88)	5.85 (1.38~6.68)			
Rated absorbed power (T=+7°C)		kW	0.76 (0.13~1.32)	1.10 (0.16~1.73)	1.58 (0.20~2.41)			
Rated energy performance coefficient		COP <sup>3</sup>	3.88	3.78	3.70			
Energy efficiency class (intermediate climate season)		626/2011 <sup>1</sup>	A+	A+	A+			
Seasonal energy efficiency index (intermediate climate season)		SCOP <sup>2</sup>	4.1	4.1	4.0			
Annual energy consumption	kWh/a	785	922	1470				
Theoretical load (Pdesignh)	kW	2.3	2.7	4.2				
Operating limits (outside temp.)	Cooling	°C	-15~50					
	Heating	°C	-20~30					
<b>Electrical data</b>								
Power	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz					
Power cable		Type	3 x 1.5 mm <sup>2</sup>		3 x 2.5 mm <sup>2</sup>			
Absorbed current (rated)	Cooling	A	3.1 (0.4~5.5)	4.8 (0.4~7.4)	7.1 (0.6~10.3)			
	Heating	A	3.4 (0.5~5.7)	4.9 (0.7~7.5)	6.9 (0.9~10.5)			
Maximum current		A	9.5	10	13			
Maximum absorbed power		kW	2.1	2.2	3.1			
Connection wires between I.U. and O.U.		no.	5 x 1.5 mm <sup>2</sup>		5 x 2.5 mm <sup>2</sup>			
<b>Refrigerant circuit</b>								
Refrigerant (GWP) <sup>4</sup>			R410A (2088)	R410A (2088)	R410A (2088)			
Quantity refrigerant pre-load		Kg	0.80	0.95	1.35			
Tons of CO2 equivalent		t	1.670	1.983	2.818			
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")	ø6.35(1/4") - ø12.74(1/2")			
Max splitting length		m	25	25	30			
Max height difference I.U./O.U.		m	10	10	20			
Split length without additional charge		m	5	5	5			
Additional load		g/m	15	15	15			
<b>Indoor unit specifications</b>								
Dimensions	LxDxH	mm	897x182x312	897x182x312	1004x305x205			
	Net weight	Kg	9.5	9.9	13.5			
Sound pressure level (I.U.)	Hi/Mi/Lo/U/Lo	dB(A)	35/26/21/20	36/29/22/21	42.5/35/33/21			
Sound power level (I.U.)	Hi	dB(A)	51	49	54			
Handled air volume	Hi/Mi/Lo	m <sup>3</sup> /h	400/300/240	500/270/350	740/620/480			
Motor power (Output)		W	20	20	30			
<b>Specifications of outdoor units</b>								
Dimensions	LxDxH	mm	770x300x555	800x333x555	800x333x554			
	Net weight	Kg	26.6	29.1	35.1			
Sound pressure level (O.U.)		dB(A)	55.5	56	55			
Sound power level (O.U.)		dB(A)	61	61	63			
Handled air (Max)		m <sup>3</sup> /h	1900	2000	2200			
Motor power (Output)		no. x W	40	40	40			
<b>Optional parts</b>								
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 cooling fluid with a 2088 GWP. If 1 kg of this refrigerant was released into the atmosphere, then the impact on global warming would be 2088 times higher than 1 kg of CO2, for a period of 100 years. In no case should the user try to intervene on the refrigerant circuit or to disassemble the product. If necessary, always contact qualified personnel.