

RESIDENTIAL AND COMMERCIAL R410A

V-DESIGN DC INVERTER

Clean air, design, high performance.



1. 3D AIR DISTRIBUTION

The combination of both horizontal and vertical direction auto swing functions ensures uniform air distribution throughout the room.

2. TURBO FUNCTION

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

3. HIGH DENSITY FILTERS

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

4. LIGHTING EFFECTS

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

5. 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.

6. 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 back to light, these functions resume automatically according to the previous settings.

7. 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.

8. SIMPLE INSTALLATION AND MAINTENANCE

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



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Wall



Black (standard)

Silver

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

Main features:

3 Power levels: 2.63~5.27 kW.

Seasonal energy efficiency class on cooling/heating: up to A++/A+ [for all power levels].

SEER/SCOP values up to 7.4/4.1 [2.63 kW model].

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

Model			HKEU 262 XAL(S)-1 HCNI 260 XA-1	HKEU 352 XAL(S)-1 HCNI 352 XA	HKEU 532 XAL(S)-1 HCKI 530 XA-1
Type			DC-Inverter heat pump		
Remote			control		
Rated capacity (T=+35°C)	Cool.	W	2638 (1231~3297)	3517 (1331~4467)	5275 (1835~6120)
Rated absorbed power (T=+35°C)	Cool.	W	712 (100~1260)	1070 (100~1710)	1530 (140~2345)
Annual energy consumption	Cool.	kWh/a	123	178	281
Seasonal energy efficiency class	Cool.	626/20111	A++	A++	A++
Seasonal energy efficiency index	Cool.	SEER2	7.4	6.9	6.6
Theoretical load (Pdesignc)	Cool.	kW	2.6	3.5	5.3
Rated capacity (T=+7°C)	Heat.	W	2950 (847~3722)	4160 (1043~4877)	5700 (1395~6738)
Rated absorbed power (T=+7°C)	Heat.	W	760 (130~1320)	1100 (160~1730)	1530 (212~2390)
Annual energy consumption	Heat.	kWh/a	785	922	1468
Energy efficiency class (average season)	Heat.	626/20111	A+	A+	A+
Seasonal energy efficiency class index (average season)	Heat.	SCOP2	4.1	4.1	4.1
Theoretical load (Pdesignh)	Heat.	kW	2.3	2.7	4.3
Operating limits	Cool.	°C		-15°C ~ 50°C	
	Heat.	°C		-20°C ~ 30°C	
Sound pressure level - Indoor U.	H-M-L	dB(A)	35-26-21	36-29-22	39-33-28
Sound power level - Indoor U.	Max	dB(A)	51	49	56
Sound pressure level - Indoor U.	Max	dB(A)	55	56	56
Sound power level - Outdoor U.		dB(A)	58	60	62
Electrical data			220-240V~/50Hz/1P to outside unit		
Power cable	Type		2+T x 1.5 mm ²	2+T x 2.5 mm ²	
Absorbed current	Cool.	A	3.1 (0.4~5.5)	4.8 (0.4~7.4)	7.1 (0.6~10.2)
Absorbed current	Heat.	A	3.4 (0.5~5.7)	4.9 (0.7~7.5)	6.7 (0.9~10.4)
Refrigerant circuit			R410A (2088)		
Refrigerant (GWP) ⁴			R410A (2088)		
Refrigerant Load		Kg.	0.8kg	0.95kg	1.48kg
Max splitting length		m		25	30
Max height difference IU /OU		m		10	20
Splitting length without add. load		m	5	5	5
Additional load		gr/m	15	15	15
Compressor	Type		Rotary		
	Model		ASN98D22UFZ	ASN98D22UFZ	ASM135D23UFZ
Fans					
Max indoor air flow	H-M-L	m ³ /h	400-300-240	500-350-270	740-620-480
Power absorption		W	20	20	30
Max outdoor air flow		m ³ /h	1900	2000	2100
Power absorption		W	40	40	40
Connections					
Connection cables between IU and OU	Type		3+T x 1.5 mm ²	3+T x 2.5 mm ²	
Refrigerant pipe	Gas	Inches	3/8"	3/8"	
	Liquid	Inches	1/4"	1/4"	
Specifications					
Dimensions (L x H x D)	Indoor U.	mm	897 x 312 x 182	897 x 312 x 182	1004 x 350 x 205
	Outdoor U.	mm	770 x 555 x 300	800 x 554 x 333	800 x 554 x 333
Net weight	Indoor U.	kg	9.5	9.9	13
	Outdoor U.	kg	26.6	29.1	37.8

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. 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 2088. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 2088 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.