



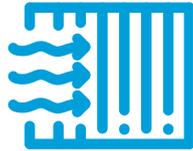
# V-DESIGN DC INVERTER

## Clean air, design, high performance



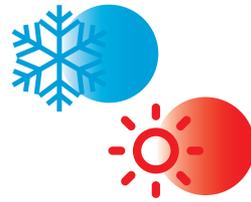
### Turbo function

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



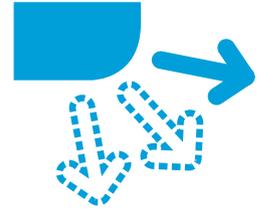
### High density filter

These remove dust and pollen by up to 80%, improving room air quality.



### Light effects

The V-DESIGN colour display allows for at-a-glance understanding of which operating mode is activated on the unit (blue light for cooling, orange light for heating).



### 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 normal operation.



### Wi-Fi

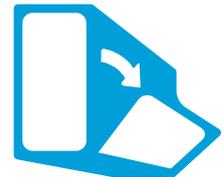
### Wi-Fi control

Conveniently control air conditioners via smartphone. HKM-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 R32

.....

## V-DESIGN DC INVERTER

Wall HKEU 262-352 ZAL-B Dark silver



NEW



Standard remote control with built-in temperature sensor (Follow me function)

### Characteristics

**2.64-3.52 kW** | 2 available power levels

**A++/A+** | Seasonal energy efficiency class in cooling/heating mode

**6.7/4.0** (2.64 kW) | SEER/SCOP values

**-15-50° C** | **-15-30° C** | Operating range in cooling and heating

**21 dB(A)** | Extremely quiet

**182 mm deep** | Compact dimensions

**Installation flexibility** | Up to 25 m splitting length and 10 m height difference between O.U. and I.U.



Indoor unit model			HKEU 262 ZAL-B	HKEU 352 ZAL-B
Outdoor unit model			HCNI 262 ZA	HCNI 352 ZA
Type			DC-Inverter heat pump	
Control (included)			Remote control	
Rated capacity (T=35°C)	Cooling	kW	2.64 (1.23~3.30)	3.52 (1.39~4.44)
Rated absorbed power (T=35°C)		kW	0.71 (0.10~1.26)	1.21 (0.13~1.43)
Rated energy efficiency coefficient		EER <sup>3</sup>	3.72	2.91
Seasonal energy efficiency class		626/2011 <sup>1</sup>	A++	A++
Seasonal energy efficiency index		SEER <sup>2</sup>	6.7	6.1
Annual energy consumption		kWh/a	141	206
Theoretical load (Pdesignc)		kW	2.7	3.5
Rated capacity (T=7°C)	Heating	kW	2.93 (0.85~3.72)	3.81 (1.23~4.36)
Rated absorbed power (T=7°C)		kW	0.77 (0.13~1.32)	1.34 (0.11~1.34)
Rated energy performance coefficient		COP <sup>3</sup>	3.80	2.84
Energy efficiency class (average season)		626/2011 <sup>1</sup>	A+	A+
Seasonal energy efficiency class index (average season)		SCOP <sup>2</sup>	4.0	4.0
Annual energy consumption		kWh/a	1015	1015
Theoretical load (Pdesignh) @-10° C		kW	2.9	2.9
Operating limits (external temperature)	Cooling	°C	-15~50	-15~50
	Heating	°C	-15~30	-15~30
<b>Electrical data</b>				
Power	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz	
Power cable		Type	3 x 2.5 mm <sup>2</sup>	
Connection wires between I.U. and O.U.		no.	5	5
Rated absorbed current (min~max)	Cooling	A	3.1 (0.4~5.5)	5.3 (0.6~6.2)
	Heating	A	3.4 (0.5~5.7)	4.9 (0.5~5.8)
Maximum current		A	10	10
Maximum absorbed power		kW	2.2	2.2
<b>Refrigerant circuit</b>				
Refrigerant (GWP) <sup>4</sup>			R32 (675)	R32 (675)
Quantity refrigerant pre-load		Kg	0.8	0.8
Tons of CO2 equivalent		t	0.540	0.540
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
Splitting length without additional load		m	5	5
Additional load		g/m	12	12
<b>Indoor unit specifications</b>				
Dimensions	LxDxH	mm	897x182x312	897x182x312
Net weight		Kg	9.9	9.9
Sound pressure level (I.U.)	Hi/Mi/Lo	dB(A)	37.5/26/21	37.5/26/21
Sound power level (I.U.)	Hi	dB(A)	50	50
Handled air volume	Hi/Mi/Lo	m <sup>3</sup> /h	530/421/305	530/421/305
Motor power (Output)		W	20	20
<b>Specifications of outdoor units</b>				
Dimensions	LxDxH	mm	770x300x555	770x300x555
Net weight		Kg	27	27
Sound pressure level (O.U.)		dB(A)	54	54
Sound power level (O.U.)		dB(A)	63	63
Handled air (Max)		m <sup>3</sup> /h	2000	2000
Motor power (Output)		W	63	63
<b>Optional parts</b>				
Wired remote control			NO	
Centralised control			NO	
Wi-Fi module			HKM-WIFI	

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 CO<sub>2</sub> 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.