

ACTIVE LINE DC INVERTER

Comfort, well-being and air quality



Quiet

The tangential fan line has been designed to guarantee maximum comfort during moments of rest and relaxation.



Comfort care

ACTIVE air conditioners are equipped with a device that automatically regulates the temperature and moisture in the room.



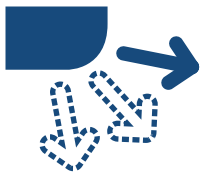
Cold currents prevention

Through this function in heating mode, it is possible to avoid the introduction of cold air into the room following the defrost cycles.



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.



Memory effect

Upon unit re-start, this function allows the horizontal deflector to maintain the same angle tilt used and stored during the last machine use.



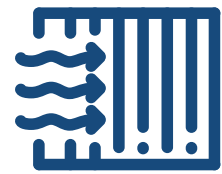
Temperature compensation

The temperature detected in the environment is corrected taking into account the stratification of the air.



Emergency mode

In the event of malfunction of the sensors in the indoor unit, the system works in emergency mode ensuring the air conditioning of the premises.



High density filter

ACTIVE is equipped with high-density filters that ensure the removal of pollen and dust up to 80% and prolong the effect without impurities, to always have clean room air.

RESIDENTIAL AND COMMERCIAL R410A

ACTIVE LINE DC INVERTER

Wall HKEU 263-353-533-713 XAL-1



Infrared remote control



- HEPA filter
- Cold catalyst filter
- Self-cleaning function
- Self-diagnosis function
- High density filter

Main features

Wall model available with 4 different power levels: 2.59~7.14 kW.

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

SEER/SCOP values 6.7/4.1 (5.37 kW).

Extremely quiet: 22.5 dB (A) for the 2.59 kW model.

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

Follow Me function: temperature sensor integrated in the remote control.



Indoor unit model		HKEU 263 XAL-1	HKEU 353 XAL-1	HKEU 533 XAL-1	HKEU 713 XAL-1
Outdoor unit model		HCNI 263 XA	HCNI 353 XA	HCNI 533 XA	HCNI 713 XA
Type		DC-Inverter heat pump			
Control		Remote control			
Rated capacity (T=+35°C)	kW	2.59 (1.02~3.22)	3.33 (1.08~4.10)	5.37 (1.81~6.12)	7.14 (2.67~7.88)
Rated absorbed power (T=+35°C)	kW	0.76 (0.10~1.24)	1.24 (0.10~1.58)	1.72 (0.14~2.36)	2.56 (0.24~3.03)
Rated energy efficiency coefficient	EER ³	3.42	2.69	3.12	2.79
Seasonal energy efficiency class	626/2011 ¹	A++	A++	A++	A++
Seasonal energy efficiency index	SEER ²	6.1	6.1	6.7	6.1
Annual energy consumption	kWh/a	143	189	277	402
Theoretical load (Pdesignc)	kW	2.5	3.3	5.3	7.0
Rated capacity (T=+7°C)	kW	2.98 (0.82~3.37)	3.74 (0.88~4.22)	5.52 (1.38~6.74)	7.97 (1.61~8.79)
Rated absorbed power (T=+7°C)	kW	0.79 (0.12~1.20)	1.26 (0.13~1.51)	1.67 (0.20~2.41)	2.78 (0.26~3.14)
Rated energy performance coefficient	COP ³	3.76	2.96	3.30	2.86
Energy efficiency class (intermediate climate season)	626/2011 ¹	A+	A+	A+	A+
Seasonal energy efficiency index (intermediate climate season)	SCOP ²	4.0	4.0	4.1	4.0
Annual energy consumption	kWh/a	770	805	1400	1785
Theoretical load (Pdesignh)	kW	2.2	2.3	4.1	5.1
Operating limits (outside temp.)	Cooling	°C -15~50			
	Heating	°C -15~30			
Electrical data					
Power	Outdoor unit	Ph-V-Hz 1Ph - 220/240V - 50Hz			
Power cable	Type	3 x 2.5 mm ²			3 x 4 mm ²
Absorbed current (rated)	Cooling	A 0.4~5.4	A 0.4~6.9	A 0.6~10.3	A 1.0~13.2
	Heating	A 0.5~5.2	A 0.6~6.6	A 0.9~10.5	A 1.1~13.7
Maximum current	A	9.5	10	13	17
Maximum absorbed power	kW	2.1	2.2	3.1	3.7
Connection wires between I.U. and O.U.	no.	5 x 1.5 mm ²			
Refrigerant circuit					
Refrigerant (GWP) ⁴		R410A (2088)	R410A (2088)	R410A (2088)	R410A (2088)
Quantity refrigerant pre-load	Kg	0.8	0.8	1.4	1.85
Tons of CO2 equivalent	t	1.670	1.670	2.923	3.862
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")	ø9.52(3/8") - ø15.88(5/8")
Max splitting length	m	25	25	30	50
Max height difference I.U./O.U.	m	10	10	20	25
Split length without additional charge	m	5	5	5	5
Additional load	g/m	15	15	15	30
Indoor unit specifications					
Dimensions	LxDxH	mm 715x194x285	805x194x285	957x213x302	1040x220x327
	Net weight	Kg 7.3	7.8	10.5	12
Sound pressure level (I.U.)	Hi/Mi/Lo/ULo	dB(A) 40/34/29.5/22.5	41/36/28/23	42.5/37/33/23.5	45/39/34/25
Sound power level (I.U.)	Hi	dB(A) 53	53	55	59
Handled air volume	Hi/Mi/Lo	m ³ /h 420/320/270	570/470/370	840/800/540	980/800/640
Motor power (Output)	W	40	40	40	50
Specifications of outdoor units					
Dimensions	LxDxH	mm 770x300x555	770x300x555	800x333x554	845x363x702
	Net weight	Kg 26	26.3	35.1	49.9
Sound pressure level (O.U.)	dB(A)	55.5	56	55	60
Sound power level (O.U.)	dB(A)	61	61	63	65
Handled air (Max)	m ³ /h	1800	1800	2200	2700
Motor power (Output)	no. x W	40	40	40	50
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 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.