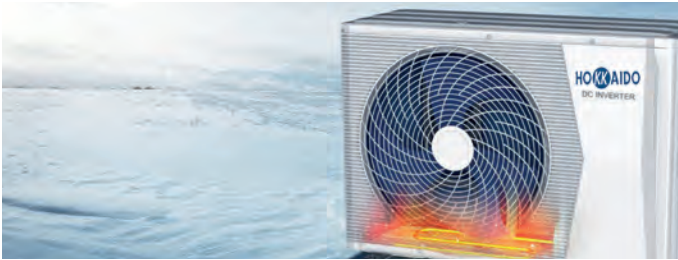


AIKO

TOP A+++ in cooling **TOP** A+++ in heating



ELECTRICAL RESISTANCE IN THE OUTDOOR UNIT BODY



PCB OF THE OUTDOOR UNIT COOLED BY REFRIGERANT



MULTIPORE TECHNOLOGY **TOP**



SMART MANAGEMENT WITH WIFI APP SMARTLIFE



HEAT EXCHANGER TREATED WITH ANTI-CORROSION COATING



EFFECTIVE AGAINST VIRUSES AND BACTERIA

8,7 **TOP**

One of the highest SEER ratings in the market segment (average 2.5-3.5 kW)

4,7 **TOP**

SCOP highest in the market segment (average 2.5-3.5 kW)

53°C **TOP**

Outdoor temperature range in cooling mode up to 53°C

-25°C **TOP**

Outdoor temperature range in heating mode down to -25°C

AIKO is the air conditioner that achieves the best heating efficiency values in the market segment.

AIKO has the highest extreme temperature values for operating ranges in the market segment.

The values shown are the result of an internal comparative analysis with the main competitors in the relevant market segment. Values updated in September 2025 based on data in the 2025 public catalogues. Ask your sales representative for more information.

KEY

TOP Top feature, the best data on the market

★ Silver feature, one of the best figures on the market

RESIDENTIAL & COMMERCIAL R32

AIKO | WALL | HKEDS 261-351-531-711 ZA



Remote control included

App Smartlife



15-53°C in cooling
-25-30°C in heating

Multipore air outlet flap
Auto restart

8°C function
I-Feel

Indoor unit model		HKEDS 261 ZA	HKEDS 351 ZA	HKEDS 531 ZA	HKEDS 711 ZA	
Outdoor unit model		HCNDS 261 ZA	HCNDS 351 ZA	HCNDS 531 ZA	HCNDS 711 ZA	
Type		DC-Inverter heat pump				
Control (supplied)		Remote control				
Wi-Fi module		Integrated				
Nominal data						
Nominal capacity (T=+35°C)	Cooling	kW	2.70 (0.60~4.00)	3.00 (0.65~4.10)	5.40 (1.30~5.90)	7.20 (1.80~7.40)
Nominal absorbed power (T=+35°C)		kW	0.72 (0.10~1.20)	0.87 (0.13~1.55)	1.43 (0.29~1.95)	1.70 (0.23~2.30)
Nominal energy efficiency coefficient		EER ¹	3.75	4.02	3.78	4.24
Nominal capacity (T=+7°C)	Heating	kW	3.30 (0.80~4.20)	4.20 (0.93~4.20)	5.80 (1.30~6.10)	7.80 (1.80~8.00)
Nominal absorbed power (T=+7°C)		kW	0.80 (0.20~1.20)	1.06 (0.23~1.30)	1.33 (0.25~1.80)	2.10 (0.23~2.53)
Nominal energy performance coefficient		COP ¹	4.13	3.96	4.36	3.71
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	2.70	3.50	5.40	6.10
Seasonal energy efficiency index		SEER ²	8.70	8.70	8.70	8.70
Seasonal energy efficiency class		626/2011 ³	A+++	A+++	A+++	A+++
Annual energy consumption		kWh/a	109	141	215	246
Theoretical load (Pdesignh) @ -10°C	Heating (average weather conditions)	kW	2.30	2.80	4.40	5.40
Seasonal performance coefficient		SCOP ²	4.70	4.70	4.60	4.60
Seasonal energy efficiency (ηs)		%	185	185	181	181
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++	A++
Annual energy consumption		kWh/a	686	845	1339	1644
Electrical data						
Power supply	Outdoor unit	Ph-V-Hz	1Ph - 220/240V - 50Hz			
Power cable		Type	3 x 2.5 mm ²		3 x 4 mm ²	
Wiring between I.U. and O.U.		no.	5	5	5	5
Nominal absorbed electric current	Cooling	A	3.30 (0.60~5.30)	4.20 (0.60~5.80)	6.40 (2.20~6.80)	7.90 (1.00~10.00)
	Heating	A	3.90 (1.00~5.30)	4.80 (1.00~6.30)	6.10 (2.00~8.00)	10.50 (1.00~11.00)
Max current		A	9.00	9.00	12.00	16.00
Max absorbed power		kW	1.60	1.50	2.40	3.20
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)			
Q.ty of refrigerant pre-charge		Kg	0.55	0.60	1.03	1.20
Tons of CO2 equivalent		t	0.371	0.405	0.695	0.810
Liquid/gas refrigerant pipe diameter		mm (inches)	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 9.52(3/8")	6.35(1/4") / 12.74(1/2")	6.35(1/4") / 15.88(5/8")
Max split length		m	20	20	20	25
Max difference in height I.U./O.U.		m	10	10	10	15
Split length without additional charge		m	5	5	5	5
Additional charge		g/m	20	20	30	30
Indoor unit specifications						
Dimensions	LxDxH	mm	768x201x299	827x201x299	1140x230x332	1140x230x332
Net weight		Kg	8	8.5	13.5	14
Sound power level	Hi	dB(A)	54	56	56	62
Sound pressure level	S/H/M/L/Silence	dB(A)	41/37/34/32/23	43/39/36/34/24	43/39/36/34/24	49/44/41/39/27
Treated air volume (S/H/M/L/Silence)	Cooling	m ³ /h	650/580/550/500/330	650/580/550/500/330	1060/900/800/650/550	1300/1200/1010/870/590
	Heating	m ³ /h	700/630/600/550/550	700/630/600/550/550	1000/900/790/650/640	1200/1030/930/870/870
Outdoor unit specifications						
Dimensions	LxDxH	mm	708x258x530	708x258x530	785x281x548	890x319x695
Net weight		Kg	22.5	24.5	28.5	41
Sound power level		dB(A)	61	62	63	65
Sound pressure level		dB(A)	48	49	50	52
Treated air volume		m ³ /h	1800	2300	2800	4900
Operating limits (outdoor temperature)	Cooling	°C	15~53			
	Heating	°C	-25~30			

1. Value measured according to the harmonised standard EN14511. 2. EU Regulation No. 206/2012 - Value measured according to the harmonised standard EN14825. 3. EU Delegated Regulation No. 626/2011 on the new energy consumption labelling of air conditioners. 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. Therefore, if 1 kg of this refrigerant were released into the atmosphere, 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 attempt to intervene on the refrigerant circuit or disassemble the product. In case of need, always contact qualified personnel.