

LUMINA

A++
in cooling

A+
in heating



PCB OF THE OUTDOOR UNIT COOLED BY REFRIGERANT



EFFECTIVE AGAINST VIRUSES AND BACTERIA



SMART MANAGEMENT WITH WIFI II APP SMARTLIFE



HEAT EXCHANGER TREATED WITH ANTI-CORROSION COATING

6,6 ★

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

4,1 TOP

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

50°C TOP

Outdoor temperature range in cooling mode up to 50°C

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

LUMINA has the highest outdoor temperature value at which cooling operation is guaranteed in the market segment (50°C)

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

LUMINA | WALL | HKEDS 260-350-530-710 ZA



App Smartlife

Remote control included



15-50°C in cooling
-15-30°C in heating

Auto restart
8°C function

I-Feel

Indoor unit model		HKEDS 260 ZA	HKEDS 350 ZA	HKEDS 530 ZA	HKEDS 710 ZA	
Outdoor unit model		HCNDS 260 ZA	HCNDS 350 ZA	HCNDS 530 ZA	HCNDS 710 ZA	
Type		DC-Inverter heat pump				
Control (supplied)		Remote control				
Wi-Fi module		Integrated				
Nominal data						
Nominal capacity (T=+35°C)	Cooling	kW	2.60 (0.60~3.10)	3.50 (0.80~4.10)	5.30 (1.30~5.70)	7.30 (1.80~7.40)
Nominal absorbed power (T=+35°C)		kW	0.80 (0.10~1.60)	1.08 (0.10~1.60)	1.63 (0.29~2.10)	2.20 (0.23~2.70)
Nominal energy efficiency coefficient		EER ¹	3.25	3.24	3.25	3.32
Nominal capacity (T=+7°C)	Heating	kW	2.61 (0.80~3.40)	3.80 (1.00~4.20)	5.30 (1.30~5.50)	7.30 (1.80~7.40)
Nominal absorbed power (T=+7°C)		kW	0.70 (0.30~1.50)	1.02 (0.30~1.60)	1.42 (0.25~1.80)	1.96 (0.23~2.53)
Nominal energy performance coefficient		COP ¹	3.73	3.73	3.73	3.72
Seasonal data						
Theoretical load (Pdesignc)	Cooling	kW	2.60	3.50	5.30	6.70
Seasonal energy efficiency index		SEER ²	6.10	7.00	6.80	6.90
Seasonal energy efficiency class		626/2011 ³	A++	A++	A++	A++
Annual energy consumption		kWh/a	150	173	273	340
Theoretical load (Pdesignh) @ -10°C	Heating (average weather conditions)	kW	2.10	2.70	4.00	5.30
Seasonal performance coefficient		SCOP ²	4.00	4.10	4.00	4.20
Seasonal energy efficiency (ηs)		%	157	161	157	165
Seasonal energy efficiency class		626/2011 ³	A+	A+	A+	A+
Annual energy consumption		kWh/a	735	922	1400	1766
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	3.70 (0.60~8.50)	4.80 (0.70~7.80)	7.80 (2.20~9.30)	10.00 (1.00~12.00)
	Heating	A	3.30 (0.20~8.50)	4.60 (1.50~8.00)	6.50 (2.00~8.00)	9.00 (1.00~11.00)
Max current		A	8.50	9.50	12.00	16.00
Max absorbed power		kW	1.60	1.90	2.50	3.40
Refrigerant circuit data						
Refrigerant ⁴		Type (GWP)	R32 (675)			
Q.ty of refrigerant pre-charge		Kg	0.46	0.60	0.85	1.30
Tons of CO2 equivalent		t	0.311	0.405	0.574	0.878
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	716x193x285	768x201x299	917x218x318	1140x230x332
Net weight		Kg	7	8	10	13
Sound power level	Hi	dB(A)	52	53	59	62
Sound pressure level	S/H/M/L/Silence	dB(A)	39/35/32/31/21	40/36/33/32/22	46/41/38/36/25	49/44/41/39/27
Treated air volume (S/H/M/L/Silence)	Cooling	m ³ /h	550/490/430/370/250	650/570/515/460/330	900/730/650/550/410	1300/1150/1020/880/580
	Heating	m ³ /h	500/460/400/350/350	650/600/530/460/460	900/780/700/550/550	1250/1150/1020/880/880
Outdoor unit specifications						
Dimensions	LxDxH	mm	650x233x455	708x258x530	785x300x555	890x319x695
Net weight		Kg	18.5	22	27	39
Sound power level		dB(A)	59	62	62	64
Sound pressure level		dB(A)	44	44	44	46
Treated air volume		m ³ /h	1800	1800	2800	3600
Operating limits (outdoor temperature)	Cooling	°C	15~50			
	Heating	°C	-15~30			

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.