

## TECHNICAL DATASHEET

# Air Source Heat Pump Water Heater

**E SERIES-FLOOR** // RESIDENTIAL USE // COMMERCIAL USE

All-in-one DHW heat pump using R290 refrigerant for floor installation. Delivers up to four times more heat than an electric water heater with the same energy consumption. Available in 200L, 250L, and 300L capacities. Compatible with photovoltaic systems for maximum self-consumption.



- ✓ Floor-standing heat pump water heater for domestic hot water.
- ✓ High leaving water temperature up to 75 °C.
- ✓ Ideal replacement for electric water heaters or boilers (DHW).
- ✓ R290 refrigerant with low environmental impact.

## FEATURES



HIGH EFFICIENCY



SMART CONTROL



HEATING &amp; COOLING



ECO FRIENDLY



LOW NOISE



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Industrial Silvota, 33192, Llanera, Asturias

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MODEL	KR20/200DN5W-D8	KR20/250DN5W-D8	KR20/300DN5W-D8
<b>HEAT PUMP</b>			
Rated power input (W)		505	
Rated current (A)		2.20	
Max input power (W)		860	
Max input current (A)		3.74	
Power supply (V/Hz)		220-240V/50Hz	
Load profile	L	L	XL
Energy efficiency class*		A+	
COPdhw*	3.24	3.27	3.49
Heating time (hours:mins)*	7:04	9:44	10:42
V40 ErP(L)*	251	325	383
AEC (kWh)*	761	753	1,173
COPdwh**	3.66	3.77	3.93
Heating time (hours:mins)**	6:05	7:35	9:13
V40 ErP (L)**	252	322	381
AEC (kWh)**	672	651	1,041
Ambient temp. range (°C)		-7 ~ 43	
Max. water outlet Temp. (°C)		65	
Refrigerant type and volume (g)		R290 (150g)	
<b>ELECTRIC HEATER</b>			
Rated power input (W)		1,500	
Rated current (A)		6.52	
Ambient Temp. range (°C)		-15 ~ 43	
Max. water outlet Temp. (°C)		75	
<b>WATER TANK</b>			
Storage volume (L)	200	250	300
Inner tank		Enameled water tank	
Max tank pressure (Mpa)		1	
Water inlet/outlet pipe (mm)		DN20	
Drainage pipe (mm)		DN20	
Magnesium rod joint (mm)		M33	
<b>OTHERS</b>			
Noise level (dB(A))		52	
Water proof class		IPX1	
Anti-shock class		I	
Net size (mm)	φ662 × 1,530	φ662 × 1,770	φ662 × 1,970
Packing size (mm)	725 × 725 × 1,680	725 × 725 × 1,920	725 × 725 × 2,120
N.W (kg)	100	111	136
G.W (kg)	115	126	152
Loading per 20'GP / 40'GP / 40'HQ	21/48/48(pcs)	21/48/48(pcs)	21/48/48(pcs)

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## NOTES

1. \*Performance condition: ambient air 7°C DB / 6°C WB, incoming/final water temperature 10°C / 52°C. 2. \*\* Performance condition: ambient air 14°C DB / 13°C WB, incoming/final water temperature 10°C / 52°C. 3. Data subject to change with our prior notice. 4. Actual loading quantities according to real packaging dimensions, only for reference.