

4kW Air Source Water Heater

A cooled, liquid refrigerant absorbs thermal energy from the ambient air, changing state into a vapor. The gaseous refrigerant is recompressed, raising the temperature, and the thermal energy is transported into heat storage.



Product Overview

Efficient Air Source Heating

This 4kW air source water heater provides an eco-friendly and safe solution for residential and commercial hot water needs. By separating water and electricity, the system eliminates risks of electric shock and toxic emissions, ensuring a clean and reliable operation. Designed for versatility, the unit features intelligent defrosting and all-day performance, making it suitable for diverse environments ranging from basements to high-rise buildings.

Technical Performance

Key Performance Metrics

4530 W Heating Capacity	4.3 COP	55 Rated Output Water Temp	97 L/h Hot Water Output
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Electrical Specifications

Parameter	Value
Voltage/Frequency	220V/50Hz
Input Power	1050W
Max Input Power	1470W
Rated Current	4.8A
Max Current	6.7A

Physical Characteristics

Dimensions & Weight

- Dimensions: 960 x 360 x 550 mm
- Net Weight: 54 kg

Water Pipe Connector

DN20

Safety & Environment

Safety & Protection	Water-Electricity Separation, Multiple Protection Functions, Anti-Freezing, Intelligent Defrosting, IPX4 Waterproof, Electric Shock Proof Class I
Refrigerant	R410a (1000g)
Noise Level	54 dB(A)