

# 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

<b>4530 W</b> Heating Capacity	<b>4.3</b> COP	<b>55</b> Rated Output Water Temp	<b>97 L/h</b> 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
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## 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)