

7kW Air Source Heat Pump Water Heater

This 7kW air source heat pump water heater utilizes advanced heat exchange technology to extract heat from the ambient air and transfer it to water. The refrigerant changes state, becoming a vapor, and is then recompressed, with the thermal energy transported into heat storage.



Overview

High-Efficiency 7kW Air Source Heat Pump

This 7kW air source heat pump water heater offers a safe, eco-friendly, and reliable solution for residential and commercial hot water needs. By utilizing advanced heat exchange technology to extract heat from ambient air, it serves as a sustainable alternative to traditional heating methods. Designed for versatility, the unit features intelligent defrosting, easy installation, and all-day operation capabilities, ensuring consistent hot water supply regardless of weather conditions.

Performance Metrics

Heating Capacity

7000 W Heating Capacity	4.4 COP	55 Rated Output Temp
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Water Flow Output: 150 L/h

Electrical Specifications

Power Requirements

Parameter	Value
Voltage/Frequency	220V/50Hz
Input Power	1590W
Max Input Power	2300W
Rated Current	7.2A
Max Current	10.5A

Technical Details

Refrigerant Information	R410a, 1500g
Noise Level	54 dB(A)

Physical Dimensions

Dimensions (L*W*H)	960*360*550mm
Net Weight	56 Kg

Installation & Safety

Safety & Protection

- Water and electricity separation
- Intelligent defrosting
- Anti-freezing function
- Multiple protection functions
- IPX4 Water proof level
- Electric shock proof level I

Water Pipe Connector Size

DN20