

# Air Source Heat Pump for Water Heating and Air Conditioning

This air source heat pump provides efficient water heating and air conditioning. It saves up to 75% more energy compared to standard electric water heaters.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Air Source Heat Pump

This advanced air source heat pump system is engineered for both water heating and air conditioning, offering a versatile solution for residential and commercial spaces. By utilizing ambient air energy, the unit achieves significant energy savings of up to 75% compared to traditional electric water heaters. Equipped with intelligent controls and robust protective features, it ensures reliable, high-efficiency operation throughout the year.

## Key Features

Energy Savings	Up to 75% more efficient than standard electric water heaters
Certifications	CE, RoHS

## Technical Specifications

Casing Material	Stainless Steel
Heat Exchanger	Titanium (Erosion-proof and durable)
Evaporator	Multi-row with hydrophilic aluminum fins
Defrosting Mechanism	Automatic (includes four-way valve)

## Safety & Control

### Safety Protections

- Anti-freezing protection
- Water flow protection
- Over high-pressure protection
- Over low-pressure protection
- Insufficient water flow protection

Controller Type	Intelligent microprocessor-based adjustment
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