

Low Temperature Air Source Heat Pump for Domestic Heating and Hot Water

This air source heat pump integrates domestic heating and hot water solutions. It uses a titanium heat exchanger for durability and operates efficiently to ensure a long service life.



ADDITIONAL IMAGES



Overview

High-Efficiency Domestic Heating Solution

This low-temperature air source heat pump is designed for reliable domestic heating and hot water production. It utilizes advanced titanium heat exchange technology for superior durability and erosion resistance, ensuring a long operational lifespan. By leveraging ambient air, the system offers significant energy savings of up to 75% compared to traditional electric water heaters, making it an environmentally friendly and cost-effective choice for residential applications.

Technical Features

Casing Material	Stainless Steel
Heat Exchanger	Titanium
Evaporator	Multi-row with hydrophilic aluminum fins
Controller Type	Microprocessor-based intelligent controller

Safety & Protection

Safety Protections

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

Operational Features

Defrosting Method	Automatic (with four-way valve)
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Certifications

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CE, RoHS

Performance Metrics

Energy Efficiency

75 %

Energy Savings vs Electric Heater