



Low-Temperature Heat Pump with Ultra-Low Temperature Operation (-25), High Heating Efficiency, and Intelligent Defrosting for Commercial Use

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: DKFXKR-500II-M1CD1
- Minimum Order Quantity: 3SET
- Price: negotiate a price
- Packaging Details: wooden frame or plywood box
- Delivery Time: Specific to the order based on regular products 5 to 7 days. Custom made for 30 days
- Payment Terms: T/T
- Supply Ability: 30 SET one day



Product Specification

- Heat Exchanger: High Efficiency Shell In Tube
- Name: High-Temperature Heat Pump
- Material: Galvanized Sheet
- Use: Hot Water
- Dimension: 1150*550*1575
- Weight: 250
- Highlight: **Cold Climates Heat Pumps, Efficient Heating Heat Pumps**

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Low-Temperature Heat Pumps: Efficient Heating Solutions for Cold Climates

Commercial air source heat pump designed for reliable performance in demanding environments.

Product Overview

The Meidibao Air Source Heat Pump efficiently supplies room temperature hot water using advanced air-to-water technology. With low power consumption and stable performance, it is ideal for residential or light commercial use. This system absorbs heat from ambient air and transfers it into water, significantly reducing energy costs while ensuring consistent hot water supply.

Key Features

Ultra-low temperature stable operation: Breaks through traditional heat pump limitations, providing continuous and efficient heating at -25 or lower, ensuring heating demand in extremely cold regions.

High heating efficiency: Utilizes gas injection enthalpy increase and frequency conversion technology, achieving heating energy efficiency ratios that far exceed ordinary equipment, reducing energy consumption costs.

Wide temperature range adaptability: Provides cooling in summer and heating in winter, adapting to different climate scenarios with multi-purpose functionality.

Intelligent defrosting system: Automatically identifies frosting conditions, quickly starts defrosting programs, reduces downtime, and enhances operational stability.

Technical Specifications

Model	DXFXKR-50II-M1CD1
Power Supply Specification	220V 1N-50HZ
Rated Heating Capacity	9 kW
Nominal Input Power	19.1/33.7 kW
Hot Water Output	9 L/H
Air Outlet Mode	Top Discharge
Inlet and Outlet Port Type	DN40
Noise	≤70 dB(A)
Dimensions	1150×550×1575 mm
Weight	250 kg

Economic Advantages

Significant energy savings: Saves 30% to 50% of energy consumption compared to traditional heating equipment through high energy efficiency ratios.

Government incentives: Eligible for green energy-saving subsidies and electricity price discounts, reducing initial purchase and ongoing usage costs.

Reduced maintenance: Modular design combined with intelligent monitoring system significantly reduces equipment failure frequency and lowers maintenance costs by over 40%.

Enhanced property value: Buildings equipped with this system see 5% to 10% valuation increases due to energy-saving advantages, achieving long-term economic value growth.

Product Images





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