



## Ultra-low Temperature Stable Operation (-35 ) Commercial Air Source Heat Pump with High-Efficiency Frequency Conversion and Intelligent Defrosting System

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: DKFXKR-105II-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: 2300\*1200\*2270
- Weight: 1300
- Highlight: **Save Energy Low Temperature Heat Pumps, Cozy Low Temperature Heat Pumps, Low Temperature Heat Pumps**



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## From Freezing To Cozy: How Low-Temperature Heat Pumps Save Energy In Cold Weather

### Cold Climate Champions: Top Low-Temperature Heat Pumps for Reliable Heating

Foshan Meidibiao Electrical Appliance Co., Ltd., established in 2005, specializes in the research, development and production of heat pumps. With high-quality products and excellent customer service, we have received great praise in markets around the world and established a global sales network covering regions such as Europe, North America, and South Africa. Whether in terms of technological innovation or service provision, we are committed to exceeding industry standards and establishing long-term partnerships based on reliability and performance.

#### Key Features

**Ultra-low temperature stable operation:** Equipped with jet heating technology, it can continuously heat in extreme environments of -35 , ensuring heating demand in extremely cold regions during winter.

**High-efficiency frequency conversion regulation:** Adopts a full DC frequency conversion compressor that automatically adjusts power according to ambient temperature, precisely controlling temperature while reducing energy consumption.

**Intelligent Defrosting System:** Equipped with AI intelligent defrosting algorithm, it monitors frosting condition in real time, increasing defrosting efficiency by 50% and reducing heating interruption time.

**Silent design:** Optimized fan and compressor structure with operating noise as low as 40 decibels, meeting silent environment demands for homes, hospitals, and other sensitive locations.

#### Technical Specifications

MODEL	UNIT	DXFXKR-105II-M1CD1
Power Supply Specification	/	380V 3N-50HZ
Rated Heating Capacity	kw	158
Nominal Input Power	kw	64/113
Hot Water Output	L/H	30
Air Outlet Mode	/	top discharge
Inlet and Outlet Port Type	MM	DN40
Noise	DB(A)	≤78
Dimensions	MM	2300*1200*2270
Weight	KG	1300

#### Performance Advantages

Low-temperature heat pumps have become the preferred solution for heating and hot water supply in extremely cold regions due to their outstanding performance. They break through the bottleneck of traditional equipment operating at low temperatures, maintaining stable heat output even in environments of -30 while saving over 60% energy compared to electric boilers, significantly reducing users' energy costs. The intelligent control system enables remote operation and fault early warning, making maintenance convenient and efficient. With zero pollution and low noise features, our heat pumps align with "dual carbon" strategic goals while creating green, comfortable living environments. Whether for family residences, commercial buildings, or industrial plants, low-temperature heat pumps deliver long-term value through high reliability and energy efficiency.

#### Product Gallery





**Meidibao<sup>®</sup> Foshan Meidebao Intelligent Electrical Appliances Co., Ltd**



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