



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

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: 2000*1100*1960
- Weight: 620

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Product Description

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Product Description:

Foshan Meidibiao Electrical Appliance Co.,Ltd.,established in 2005,specialized in the research,development and production of Heat pumps.With high-quality products and excellent customer service, it has received great praise in markets around the world and has 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.

Feature:

- 1.Wide temperature range adaptability: The operating temperature range is from -30 to 45 , covering extremely cold to hot climates, and is suitable for different regions around the world.
- 2.Thermal performance: With the adoption of two-stage compression technology, the heating energy efficiency ratio still exceeds 2.5 in an environment of -25 , saving more than 40% energy compared to traditional equipment.
- 3.Modular design: Supports parallel operation of multiple units, flexibly matching the diverse demands of large-scale building heating, industrial hot water and other scenarios.
- 4.Environmental protection and energy conservation: It adopts R410A environmentally friendly refrigerant, with no harmful gas emissions, meeting international energy efficiency standards, and helping enterprises achieve low-carbon transformation.

MODEL	unit	DXFXKR-105II-M1CD1
Power Supply Specification	/	380V 3N-50HZ
Rated Heating Capacity	kw	158
Nominal Input Power	kw	50.1/88.5
Hot Water Output	L/H	24
Air Outlet Mode	/	top discharge
Inlet and Outlet Port Type	MM	DN40
Noise	DB(A)	≤80
Dimensions	MM	2000*1100*1960
Weight	KG	1400

AdvantagesLow-temperature heat pumps redefine energy solutions in severe cold climates through technological innovation. In extremely low-temperature environments, it ensures that the heating efficiency does not decline through advanced gas injection enthalpy technology and high-efficiency compressors. Compared with gas boilers, it reduces carbon emissions by 70%, helping enterprises fulfill their environmental protection responsibilities. The modular design enables it to be flexibly expanded as needed, adapting to diverse scenarios ranging from small apartments to large complexes. Meanwhile, the intelligent defrosting and frequency conversion regulation functions not only ensure the continuity of heating but also reduce the operating energy consumption by more than 30%. Its extremely long service life and perfect after-sales system provide users with worry-free, cost-effective and green one-stop services.





Meidibao® Foshan Meidi Bao Electric Appliance Industry Co., Ltd

☎ 8613534489875

✉ info@meidibao.com

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No9, Guangming North Road, Jiangyi, Leliu Town, Shunde District, Foshan City Guangdong Province, China