



Low Temperature Heat Pump with Wide Temperature Range Adaptability (-30 to 45) and High Efficiency Shell in Tube Heat Exchanger for Commercial Use

Our Product Introduction

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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
- Highlight: **Freezing Cold Weather Heat Pump,
Energy Efficiency Cold Weather Heat Pump**



Stay Warm Low Temperature Heat Pumps Save Energy In Cold Weather

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

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

- Wide temperature range adaptability:** Operating temperature range from -30 to 45 , covering extremely cold to hot climates, suitable for different regions worldwide
- Thermal performance:** With two-stage compression technology, heating energy efficiency ratio exceeds 2.5 in -25 environment, saving over 40% energy compared to traditional equipment
- Modular design:** Supports parallel operation of multiple units, flexibly matching diverse demands for large-scale building heating, industrial hot water and other scenarios
- Environmental protection and energy conservation:** Uses R410A environmentally friendly refrigerant with no harmful gas emissions, meeting international energy efficiency standards and helping enterprises achieve low-carbon transformation

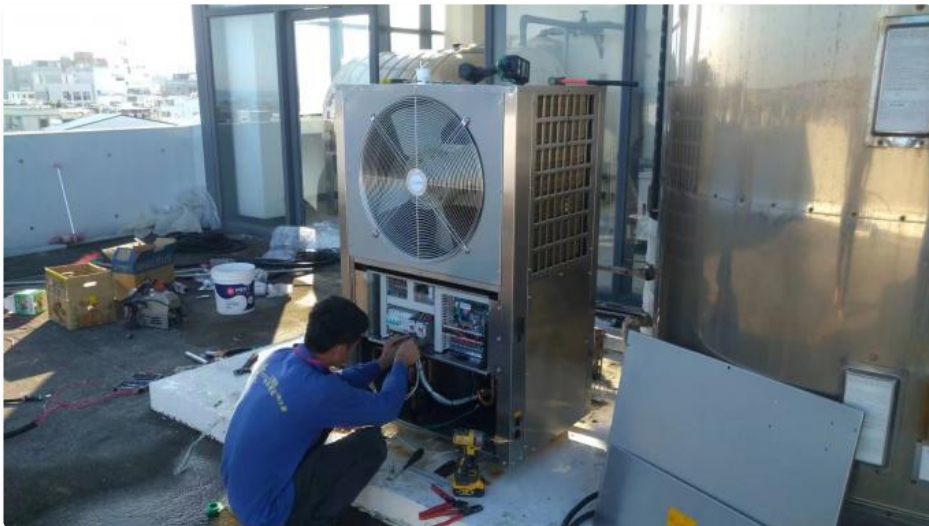
Technical Specifications

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

Performance Advantages

Low-temperature heat pumps redefine energy solutions in severe cold climates through technological innovation. In extremely low-temperature environments, they ensure heating efficiency does not decline through advanced gas injection enthalpy technology and high-efficiency compressors. Compared with gas boilers, they reduce carbon emissions by 70%, helping enterprises fulfill environmental protection responsibilities. The modular design enables flexible expansion as needed, adapting to diverse scenarios from small apartments to large complexes. Intelligent defrosting and frequency conversion regulation functions ensure continuous heating while reducing operating energy consumption by over 30%. The extended service life and comprehensive after-sales system provide users with worry-free, cost-effective green one-stop services.

Product Images



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