



50kW EVI Low-Temperature Air Source Heat Pump for Efficient Home Heating and Cooling with Enhanced Vapor Injection Technology

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: KFXKS-53II-M2(LRS)
- Minimum Order Quantity: 3 units
- Price: negotiate a price
- Packaging Details: Factory standards
- 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 units one day



Product Specification

- Name: Commercial Cooling And Heating Heat Pump
- Heat Exchanger: Titanium Shell In Tube
- Evaporator Color: Gold Or Blue
- Throttling Device: EEV
- Refrigerant: R410A
- Heating: 48.5KW
- Cooling: 32.2KW
- Highlight: Home Heating Air Source Heat Pump, 50kW Air Source Heat Pump, Low Temperature Air Source Heat Pump



More Images



Product Description

50kW EVI Low-Temperature Air Source Heat Pump For Home Heating Hot Water

The **50kW EVI Low-Temperature Air Source Heat Pump** is engineered to deliver energy-efficient heating and domestic hot water solutions, even in extremely cold environments. Utilizing **Enhanced Vapor Injection (EVI) technology**, it ensures stable operation at temperatures as low as -25°C, making it ideal for homes in colder regions. By harnessing renewable air energy, this heat pump provides significant energy savings while maintaining consistent and comfortable heating performance.

Key Features

EVI Technology for Low-Temperature Heating - Ensures efficient heating performance even in freezing conditions (-25°C to 45°C) and delivers higher heating capacity with better efficiency than standard heat pumps.

High Energy Efficiency & Cost Savings - Features a high COP (Coefficient of Performance) for more heat output per unit of electricity, reducing energy costs compared to gas boilers or electric heaters.

Dual-Use: Domestic Hot Water & Home Heating - Provides continuous hot water for showers, kitchens, and household needs while working with radiators, underfloor heating, and fan coil units for comprehensive home heating.

Eco-Friendly & Sustainable - Uses renewable air energy to reduce reliance on fossil fuels, supports eco-friendly refrigerants (R410A, R32, R407C) with lower environmental impact, and promotes lower carbon emissions for a greener lifestyle.

Durable & Low-Maintenance Design - Equipped with a high-efficiency heat exchanger for stable heat transfer and corrosion-resistant components for long-lasting durability and reliability.

Smart & Safe Operation - Includes an intelligent digital controller for precise temperature adjustment and multiple safety features such as anti-freeze, overcurrent, overvoltage, and overheating protection.

Technical Specifications

Product	Heating And Cooling Heat Pump
Model	KFXKS-53II-M2(LRS)
Climatic type	Normal
Power supply	380V /50Hz
Rated heating capacity	48.5kW
Rated heating power	13.1kW
Rated cooling capacity	32.2KW
Rated cooling power	14.6kW
Max Rated current	35.5A
Refrigerant / Charge	R410/3600g×2
Rated heating water	55
Rated cooling water	7
Max hot water temp.	60
working temp	0-43
water pipe size	DN40
Noise	≤68dB(A)
Product dimension	1500×760×1120mm
Net weight	320kg

Sample Project





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