



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

Our Product Introduction

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



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Product Description

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

Product Description:

The **50kW EVI Low-Temperature Air Source Heat Pump** is designed to provide **energy-efficient heating and domestic hot water**, even in extremely cold environments. Using **Enhanced Vapor Injection (EVI) technology**, it ensures **stable operation at temperatures as low as -25°C**, making it perfect for **homes in colder regions**. By utilizing renewable air energy, this heat pump offers **significant energy savings** while delivering a **consistent and comfortable heating experience**.

Feature:

EVI Technology for Low-Temperature Heating

Ensures efficient heating performance even in **freezing conditions (-25°C to 45°C)**.

Delivers **higher heating capacity** and better efficiency than standard heat pumps.

High Energy Efficiency & Cost Savings

High COP (Coefficient of Performance) means more heat output per unit of electricity.

Reduces 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.

Works with **radiators, underfloor heating, and fan coil units** for home heating.

Eco-Friendly & Sustainable

Uses **renewable air energy**, reducing reliance on fossil fuels.

Supports **eco-friendly refrigerants (R410A, R32, R407C)** with a lower environmental impact.

Lower carbon emissions, promoting a greener lifestyle.

Durable & Low-Maintenance Design

Equipped with a **high-efficiency heat exchanger** for stable heat transfer.

Corrosion-resistant components ensure long-lasting durability and reliability.

Smart & Safe Operation

Intelligent digital controller for precise temperature adjustment.

Multiple safety features, including **anti-freeze, overcurrent, overvoltage, and overheating protection**.

Specification:

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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