



Smart Household Fluorine Heat Pump Solutions For Southern Regions: Integrating IoT Control, Low-Temperature Performance, And Sustainable Design For Modern Home Comfort

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-1.5F
- 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: 780*260*550
- Weight: 29

Product Description

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Product Description:

The Meidibao Air Source Heat Pump is designed to efficiently supply room temperature hot water using advanced air-to-water technology. With low power consumption and stable performance, it is ideal for residential or light commercial use. This system absorbs heat from the ambient air and transfers it into water, significantly reducing energy costs while ensuring a consistent hot water supply.

Feature: Intelligent and precise dual control of temperature and humidity: The humidity in the southern climate varies greatly, especially during the rainy season, when it often exceeds 80%, causing many inconveniences in daily life, such as clothes being hard to dry and furniture being prone to moisture and mold. This fluorine-feeding heat pump is equipped with an intelligent control system and high-precision temperature and humidity sensors, which can accurately monitor the indoor temperature and humidity data in real time. When the humidity is too high, the system automatically activates the dehumidification function. Through a specially designed evaporator, it ensures that the indoor temperature fluctuates extremely little during the refrigeration and dehumidification process, and stably controls the humidity within the comfortable range of 40% to 60% for the human body. When cooling in summer, it can precisely adjust the temperature to within ± 0.5 of the set value, avoiding sudden changes in temperature and enhancing comfort. When heating in winter, it can also dynamically adjust according to the indoor and outdoor environment to maintain a constant temperature. Combined with precise dehumidification, it creates an indoor environment that feels like spring all year round, especially suitable for families where the elderly, children and people sensitive to temperature and humidity live.

Specification:

MODEL	unit	KF75-MF011
Factory Model Number		MDB-1F
Applicable Ambient Temperature	°C	-7-43
Power Supply Specification	/	220V 1N-50HZ
Rated Heating Capacity	kw	3.56
Nominal Input Power	kw	0.85
rated supply voltage	A	3.9
Hot Water Output	L/H	76
Hot Water temperature		55
Noise	DB(A)	≤54
Dimensions	MM	780*260*550
Weight	KG	27

Advantages: Dual control of temperature and humidity to create a healthy and comfortable environment: The climate in the south is humid, especially during the rainy season and the return of the south wind. The damp and muggy conditions can easily breed bacteria and mold, affecting the health of the home and the living experience. This fluorine-feeding heat pump is equipped with high-precision temperature and humidity sensors and an intelligent control system, which can monitor and synchronously adjust the indoor temperature and humidity in real time. When the humidity exceeds the standard, the dehumidification function automatically starts, quickly reducing the air humidity to a comfortable range without lowering the room temperature. During the cooling or heating process, precisely control the temperature to ± 0.5 to avoid discomfort caused by temperature fluctuations. Whether it is the high temperature and humidity in summer or the cold and damp in winter, it can stably maintain the indoor environment within the most suitable temperature range (22-26) and humidity range (40%-60%) for the human body, effectively reducing respiratory diseases and skin problems caused by improper temperature and humidity, and providing a healthy and comfortable living space for the elderly, children and people with allergies.







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