



Advanced Fluorine Refrigerant Heat Pumps For Southern Households: Ultra-Efficient Heating And Cooling Systems Engineered To Withstand High Humidity And Tropical Climates

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-2.5F
- 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: 36

Product Description

Advanced Fluorine Refrigerant Heat Pumps For Southern Households: Ultra-Efficient Heating And Cooling Systems Engineered To Withstand High Humidity And Tropical Climates

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:Anti-corrosion design ensures long-term stable operation: In some southern regions, especially coastal areas, the air humidity is high and it contains salt, which is highly corrosive to equipment. In terms of the selection of shell materials for household fluorine-pumping heat pumps, high-quality corrosion-resistant alloys or high-strength plastics with special surface treatments are adopted, which can effectively resist salt spray erosion. The internal key components, such as the evaporator and condenser, are made of corrosion-resistant hydrophilic aluminum foil and copper tubes with anti-corrosion coatings, which greatly enhances the durability of the equipment in harsh environments. After long-term field testing in coastal areas, this equipment has been operating continuously for five years in a high salt spray and high humidity environment, with a performance degradation of less than 10%, far superior to ordinary equipment. It reduces the failure rate and maintenance frequency caused by corrosion, lowers the long-term usage cost for users, and ensures the long-term stable operation of the equipment under the complex climatic conditions in the south. Provide long-lasting and reliable heating and cooling guarantees for families.

Specification:

MODEL	unit	KF75-MF011
Factory Model Number		MDB-2.5F
Applicable Ambient Temperature	°C	-7-43
Power Supply Specification	/	220V 1N-50HZ
Rated Heating Capacity	kw	8.75
Nominal Input Power	kw	2.13
rated supply voltage	A	9.7
Hot Water Output	L/H	188
Hot Water temperature		55
Noise	DB(A)	≤55
Dimensions	MM	780*260*550
Weight	KG	36

Advantages:Extralong service life and reduced overall cost: In the southern coastal areas and humid regions, the high salt spray and high humidity environment is highly corrosive to equipment. Ordinary air conditioners often have their lifespan shortened due to component rust. The southern household fluorine-carrying heat pump has comprehensively enhanced its anti-corrosion performance in terms of material and structure: The shell is made of aerospace-grade corrosion-resistant alloy material, and the surface is treated with multiple layers of nano-coating, effectively resisting salt spray erosion. The core components such as evaporators and condensers are made of high-purity anti-corrosion copper tubes and hydrophilic aluminum foil, combined with special anti-corrosion processes, significantly enhancing weather resistance. After third-party testing, it was found that after continuous operation for 8 years in a highly corrosive coastal environment, the performance degradation of the equipment was less than 8%, and its service life was extended by more than 50% compared with ordinary models. Not only does it reduce the economic cost of frequent equipment replacement, but it also lowers the time and energy input for maintenance and repair, providing users with a long-term and stable usage guarantee.







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