



72KW Custom Air Source Heat Pump with Titanium Heat Exchanger and Scroll Compressor

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: KFXRS-70II-M3
- Minimum Order Quantity: 1SET
- Price: negotiate a price
- Packaging Details: wooden frame or plywood box
- Delivery Time: 25-30 days
- Payment Terms: T/T
- Supply Ability: 5 set one day



Product Specification

- Name: Custom Heat Pump
- Heat Exchanger: Titanium
- Cop: 3.8
- Refrigerant: R410A
- Power Supply: 380V/3PH/3wire /60Hz Or 50Hz
- Compressor Type: Scroll
- Type: Air Source Heat Pump
- Highlight: **Non Standard R410A Heat Pump, R410A Heat Pump Customized**



Product Description

72KW Non Standard R410A Heat Pump Customized 380V / 3PH / 3 Wire, Inner Threaded Tube

Meidibao air source heat pump system is powered by ambient air and operates around the clock, providing continuous hot water throughout the year regardless of weather conditions. The operating cost is 67% less than gas water heaters, 75% less than electric water heaters, and 60% less than boilers. Intelligent control: The unit is automatically controlled by a microcomputer and runs according to the water temperature of the tank and user's water usage, requiring no special duty personnel.

Key Features

Compressor: World-famous brand rotary type or fully enclosed vortex compressor with low noise, low vibration, high efficiency, and long service life. Multiple compressor units feature automatic unloading at partial load to save energy and prevent frequent starts.

Water Side Heat Exchanger: High-efficiency shell tube or threaded casing heat exchanger with small volume, light weight, easy disassembly, convective heat conduction, and maximum working pressure of 45kgf/cm². Insulated with 10mm PE to prevent energy loss.

Air Side Heat Exchanger: Integral hydrophilic finned inner threaded tube design with large windward area, high heat transfer efficiency, oxidation and corrosion resistance. Hydrophilic fins reduce condensation and frosting, ensuring reliable heating capacity in cold winter conditions.

Low Noise Fan: Domestic famous brand motor with axial impeller design, anti-aging blades, and strict static balance experiments for optimal fan efficiency and noise levels.

Housing Materials: External sheet metal made of galvanized steel with rust removal, cleaning, drying, and electrostatic spraying for beautiful appearance and durability.

Technical Specifications

Product	Air Source Heat Pump
Model	KFXRS-70II-M3
Climatic Type	Normal
Power Supply	380V /60Hz
Rated Heating Capacity	72kW
Rated Power Input	20kW
Max Rated Current	40A
Refrigerant / Charge	R410/2600g×4
Rated Water Temperature	55
Max Hot Water Temperature	60
Working Temperature	0-43
Water Pipe Size	DN50
Noise	≤78dB(A)
Product Dimension	2000×1250×1160mm
Net Weight	550kg

Advantages

Heat pump form heating: No need to build a boiler room, directly absorbs heat from the air, reducing costs while providing clean and safe operation that avoids environmental pollution. For locations with insufficient heat pump capacity in winter, auxiliary electric heating can be added to meet heat requirements. High efficiency, energy saving, reliable performance: Uses world-famous brand compressors and high-quality refrigeration components to ensure maximum energy efficiency. Multi-system units feature two-stage energy regulation, especially suitable for partial load conditions, providing additional energy savings and protecting against frequent system starts.



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