



## Energy Saving Mechanism And System Optimization Of High Temperature Steam Heat Pump

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-015HZ
- Minimum Order Quantity: 3 Unit
- Price: negotiate a price
- Packaging Details: Factory standard packing
- 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: 10 Unit/Units per Month



### Product Specification

- Name: Meidibao Heat Pump
- Type: Fixed
- Origin: Guangdong Province China
- Working Temp: 120 -150
- Dimension: 700\*680\*1150
- Weight: 170
- Highlight: **Energy-Saving Steam Heat Pump System, High Temperature Steam Heat Pump**

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## Product Description

### Research On Energy - Saving Mechanism And System Optimization Of High - Temperature Steam Heat Pump

#### Product description:

Foshan Meidibiao Electrical Appliance Co.,Ltd,established in 2005,specialized in the research,development and production of Heat pumps.With high-quality products and excellent customer service, it has received great praise in markets around the world and has established a global sales network covering regions such as Europe, North America, and South Africa.Whether in terms of technological innovation or service provision, we are committed to exceeding industry standards and establishing long-term partnerships based on reliability and performance.

#### Key Features:

High-temperature steam heat pumps, with their flexible applicability, are widely used in industrial fields such as chemical engineering, food processing, and textile printing and dyeing. They can stably provide high-temperature steam ranging from 120 to 150 , meeting diverse process requirements such as material drying, distillation, and disinfection. Meanwhile, in the scenarios of district heating and clean energy substitution, this equipment can operate in coordination with renewable energy sources such as solar and geothermal energy, building a diversified energy supply system and assisting various industries in achieving energy structure transformation and sustainable development.

#### Specification:

MODEL	unit	KFYRS-21II
Factory Model Number		MDB-19HZ
Applicable Ambient Temperature	°C	120-150
Power Supply Specification	/	380v 3N-50HZ
Rated Heating Capacity	kw	40
Nominal Input Power	kw	9
Maximum Operating Current	A	24
Hot Water Output	L/H	720
Refrigerant	/	R22
Air Outlet Mode	/	Push out the wind
Protection Class	/	IPX4
Outlet Water Temperature	/	28-60
Inlet and Outlet Port Type	MM	DN25
Noise	DB(A)	≤55
Dimensions	MM	700*680*1150
Weight	KG	170

#### Advantages:

The high-temperature steam heat pump integrates advanced screw/centrifugal compressors, high-efficiency heat exchangers and intelligent control systems, featuring high reliability and stability. It can operate continuously for 24 hours and has a long maintenance cycle. Its unique anti-corrosion and high-temperature resistant design makes it suitable for complex working conditions and effectively avoids problems such as scaling and corrosion that are prone to occur in traditional steam equipment. In addition, through variable frequency regulation and intelligent load matching technology, the equipment can precisely control the steam output parameters, significantly improving energy utilization efficiency and production safety.





**Meidibao® Foshan Meidi Bao Electric Appliance Industry Co., Ltd**

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