



## Development And Experimental Study Of High Temperature Steam Heat Pump For Industrial Waste Heat Recovery

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-018HZ
- 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: 180
- Highlight: **Industrial Steam Heat Pump,  
Industrial Waste Heat Recovery Heat Pump**

## Product Description

### Development And Experimental Study Of A High - Temperature Steam Heat Pump For Industrial Waste Heat Recovery

#### 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:

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.

#### Specification:

MODEL	unit	KFYRS-22II
Factory Model Number		MDB-20HZ
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	180

#### Advantages:

High-temperature steam heat pumps can precisely output high-temperature steam at 120 - 200 according to the demands of different industries, and are widely used in fields such as chemical engineering, food, and printing and dyeing. Its modular design supports flexible expansion, and the intelligent control system can automatically adjust the output power to adapt to complex working conditions. Corrosion-resistant materials and high-temperature resistant structures ensure the long-term stable operation of the equipment, reducing maintenance frequency and the risk of downtime.





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

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