



## 144KW 380V Air Source Heat Pump with Scroll Compressor for Efficient Hot Water Supply

Our Product Introduction

for more products please visit us on [airsource-heatingpump.com](http://airsource-heatingpump.com)

### Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: MDB-400WD
- Minimum Order Quantity: 1SET
- Price: negotiate a price
- Packaging Details: Factory standard packing
- Delivery Time: 25-30 days
- Payment Terms: T/T
- Supply Ability: 5 set one day



### Product Specification

- Name: Custom Heat Pump
- Heat Exchanger: 304 Shell Titanium Tube
- Cop: 3.8
- Refrigerant: R410A
- Power Supply: 380V/3PH/60Hz Or 50Hz
- Compressor Type: Scroll
- Type: Air Source Heat Pump
- Highlight: **144KW Custom Air Source Heat Pump, Custom Air Source Heat Pump 380V, Custom Air Source Heat Pump 60HZ**

## Product Description

# 144KW Custom Air Source Heat Pump 380V 50HZ/60HZ MDB-400WD

## Product Overview

The Meidibao 144KW Custom Air Source Heat Pump operates on 380V/50HZ or 60HZ power supply, utilizing ambient air to provide continuous hot water throughout the year regardless of weather conditions. This system delivers significant energy savings with operating costs 67% less than gas water heaters, 75% less than electric water heaters, and 60% less than traditional boilers.

## Key Features

- Manufactured by Foshan Meidibao Electrical Appliance Co., Ltd. with specialized heat pump expertise since 2005
- OEM and ODM services available with extensive experience
- Constructed with 304 stainless steel shell and titanium tube
- 304# sheet metal construction for durability
- Intelligent microcomputer control for automatic operation based on water temperature and usage patterns
- No special duty personnel required for operation

## Technical Specifications

<b>Product</b>	Air Source Heat Pump
<b>Model</b>	MDB-400WD
<b>Climatic Type</b>	Normal
<b>Power Supply</b>	380V /60Hz
<b>Rated Heating Capacity</b>	144kW
<b>Rated Power Input</b>	38.9kW
<b>Max Rated Current</b>	89A
<b>Refrigerant</b>	R410
<b>Rated Water Temperature</b>	55
<b>Max Hot Water Temperature</b>	60
<b>Working Temperature</b>	0-43
<b>Water Pipe Size</b>	3"
<b>Noise</b>	≤78dB(A)
<b>Product Dimension</b>	2200×2000×2300mm
<b>Net Weight</b>	1020kg
<b>Testing Condition</b>	Ambient Dry/Wet Bulb Temp: 20 / 15 ; Water Inlet Outlet Temp: 15 / 55

## System Advantages

- Heat pump form heating eliminates the need for boiler rooms, directly absorbing heat from air to reduce costs
- Clean and safe operation avoids environmental pollution
- Optional auxiliary electric heating available for locations with winter heat shortages
- High efficiency and energy saving with reliable performance
- Utilizes world-famous brand rotary type or fully enclosed vortex compressors
- Premium quality refrigeration components ensure maximum energy efficiency

Multi-system units feature two-stage energy regulation for partial load optimization

Energy-saving design effectively protects against frequent system starts

**Product Images**





**Meidibao<sup>®</sup> Foshan Meidebao Intelligent Electrical Appliances Co., Ltd**

☎ 8613534489875

✉ [info@meidibao.com](mailto:info@meidibao.com)

🌐 [airsource-heatingpump.com](http://airsource-heatingpump.com)

No9, Guangming North Road, Jiangyi, Leliu Town, Shunde District, Foshan City Guangdong Province, China