



7KW Monoblock Heat Pump with Galvanized Sheet or 304# Construction and Shell in Coil Heat Exchanger for Efficient Hot Water Supply

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-20WB
- Minimum Order Quantity: 9SET
- Price: negotiate a price
- Packaging Details: Cartons and wooden pallets
- 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: 50 SET one day



Product Specification

- Material: Galvanized Sheet Or 304#
- Heat Exchanger: Shell In Coil
- Use: Hot Water
- COP: 3.8~4.6
- Working Ambient Temperature: 0~43C
- Compressor Type: Rotary
- Name: Monoblock Heat Pump
- Highlight: **7KW Monoblock Air Source Heat Pump, Balcony Monoblock Air Source Heat Pump, Monoblock Air Source Heat Pump On Balcony**



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Product Description

7KW Monoblock Air Source Heat Pump Combined For Small Space / Balcony

Product Overview

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 microcomputer control automatically operates the unit based on water temperature and user consumption patterns, eliminating the need for manual supervision.

Key Features

Strictly follows design standards to ensure safe, high-quality operation with high reliability and good adaptability

Efficient, energy-saving, environmentally friendly heater with 300%-400% rated efficiency

Highly intelligent, safe, reliable, and flexible for commercial and domestic hot water supply

Working principle absorbs heat from air and releases it into water through refrigerant state changes

Low noise fan with domestic brand motor, axial impeller design, and balanced performance

Operates 24/7 regardless of weather conditions, overcoming solar energy limitations

Technical Specifications

Product	Air source heat pump
Model	MDB-20WB
Climatic type	Normal
Power supply	220V /50Hz
Rated heating capacity	7.3kW
Rated power input	1.92kW
Max Rated current	11.3A
Refrigerant	R410
Rated water temp.	55
Max hot water temp.	60
Working temp	0-43
Water pipe size	G 3/4"
Noise	≤62dB(A)
Product dimension	1030×330×570mm
Net weight	53kg

Testing condition: ambient Dry/Wet Bulb Temp: 20 / 15 ; Water Inlet Outlet Temp: 15 / 55

Key Advantages

Heat pump form heating eliminates need for boiler rooms, directly absorbs heat from air, reducing costs and avoiding environmental pollution

Clean, safe operation with optional auxiliary electric heating for winter heat requirements

High efficiency and reliable performance using world-famous brand compressors and refrigeration components

Multi-system units feature two-stage energy regulation for partial load conditions, enhancing energy savings and system protection



Air source heat pump technical diagram



Heat pump installation example

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