



## Air Source Monoblock Heat Pump with 3-in-1 Functionality, 36kW Heating Capacity, and Scroll Compressor for Efficient Heating and Cooling

Our Product Introduction

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

### Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: MDB-100WD
- Minimum Order Quantity: 5 SET
- 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

- Type: 3 In 1 Heat Pump
- Heat Exchanger: PPR Shell Titanium Tube
- Refrigerant: R410A
- Power Supply: 220V/3PH/3wire /60Hz Or 50Hz
- Material: Galvanized Sheet Or 304#
- Compressor Type: Scroll
- Highlight: **Monoblock Heat Pump Water Heater, Heating And Cooling Monoblock Heat Pump, DHW Monoblock Heat Pump**



## Air Source Monoblock Heat Pump Heating And Cooling DHW Water Heater

### Product Overview

The Air Source Monoblock Heat Pump is an energy-efficient, all-in-one solution for residential and commercial heating, cooling, and domestic hot water (DHW) needs. Designed with advanced heat pump technology, this system ensures reliable performance, lower energy costs, and environmental sustainability.

### Key Features

- 3-in-1 Functionality (Heating, Cooling & Hot Water)
- Energy-Efficient Technology
- High COP (Coefficient of Performance)
- Quiet & Durable Operation - Low-noise design
- Eco-Friendly Refrigerant (R410A/R32 Available)

### Technical Specifications

Product	Air source heat pump
Model	MDB-100WD
Climatic type	Normal
Power supply	220V/3HP/60Hz
Rated heating capacity	36kW
Rated power input	10kW
Max Rated current	39.8A
Refrigerant	R410
Rated water temp.	55
Max hot water temp.	60
Working temp	0-43
Water pipe size	3"
Noise	≤68dB(A)
Product dimension	1500×710×1270mm
Net weight	240kg

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

### Key Advantages

- All-in-One Solution (Heating, Cooling & Hot Water)
- High Energy Efficiency & Cost Savings
- Easy Installation & Space-Saving Design
- Environmentally Friendly
- Smart & Convenient Operation

## Wide Applications

- Hotels & Resorts
- Hospitals & Nursing Homes
- Factories & Industrial Facilities
- Schools & Office Buildings
- Swimming Pools & Spas

## Product Gallery







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