



160L Custom Heat Pump All In One for Balcony / Living Room / Kitchen

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-160VF
- Minimum Order Quantity: Order 10 sets after proofing
- Price: For discussion
- Packaging Details: Cartons and wooden pallets
- Delivery Time: 15~20 days
- Payment Terms: T/T
- Supply Ability: 50set day



Product Specification

- Inner Coating: Glass Enamel Coating
- Specification: You Can Do 160L Or 200L
- Energy Efficiency Class: I
- Refrigerant: R134
- Noise: 42dB(A)
- Material: TP2M
- Name: Custom Heat Pump
- Highlight: **160L Custom Heat Pump,
Custom Heat Pump All In One,
Living Room Heat Pump All In One**

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Product Description

160L or 200L all in one heat pump Installation bathroom, balcony, living room, kitchen

Product Description:

Meidibao air source heat pump system is powered by ambient air and operates around the clock: it provides continuous hot water throughout the year and throughout the year, regardless of weather. The operating cost is 67% less than that of gas water heater, 75% less than that of electric water heater and 60% less than that of boiler. Intelligent control: The unit is automatically controlled by a microcomputer, and automatically runs according to the water temperature of the water tank and the user's water use, without the need for special duty. Reasonable arrangement of low front

Feature:

1. Compressor Choose the world famous brand rotary type or fully enclosed vortex compressor, low noise, low vibration, high efficiency, long service life. For units with multiple compressors inside, depending on the heat (cooling capacity), automatic unloading of the unit at partial load can be achieved to effectively save energy and at the same time avoid frequent start-up of the unit.
2. Water side heat exchanger The water side heat exchanger adopts high-efficiency shell tube heat exchanger or threaded casing heat exchanger, which has the characteristics of small volume, light weight, easy disassembly, convective heat conduction, high efficiency, and the maximum working pressure of 45kgf / cm². The outside of the heat exchanger is insulated with 10mmPE to effectively prevent energy loss
3. Air side heat exchanger The air-side heat exchanger adopts an integral hydrophilic finned inner threaded tube design, with a large windward area, high heat transfer efficiency, resistance to oxidation and corrosion, and hydrophilic fins that are less prone to condensation and frosting, ensuring that the unit has sufficient heating capacity in the cold winter season, and that the unit can still operate normally for heating and defrosting even in low temperatures
4. Low noise fan he use of domestic famous brand motor, the use of axial impeller design, bearing is not easy to heat up, free of oil injection maintenance, blade more anti-aging, not deformed, the fan are strictly, static balance experiments, in order to obtain the best fan working point, fan efficiency and noise level.
5. Housing materials The external sheet metal is made of galvanised steel, and all sheet metal parts are pre-treated with rust removal, cleaning and drying, and then electrostatic spraying is used to paint the internal and external surfaces of each piece of sheet metal for a beautiful appearance

Specification:

| Mode type | MDB-160VF | MDB-200VF |
|----------------------------|----------------|--------------|
| Power supply | 1/220V/50HZ | 1/220V/50HZ |
| Nominal capacity | 160L | 200L |
| Rated heating capacity (W) | 1700 | 1700 |
| Rated power input (W) | 447 | 447 |
| MAX power input (W) | 2700 | 2700 |
| Electric Heater (W) | 2000 | 2000 |
| Max Rated current | 13A | 13A |
| working temp | -5 ~45 | -5 ~45 |
| dimension | 510*510*1705MM | 510*510*1955 |

Advantages:

All in one heat pump Space-saving: Occupies less space as it combines multiple functions, ideal for installations where space is limited.

Cost-effective: Can offer savings in terms of initial purchase and installation costs compared to having individual systems.

Environmentally friendly: Reduces carbon emissions as it is more energy-efficient than some traditional systems.

Convenience: Provides a one-stop solution for temperature control and hot water, offering ease of use and management.

Quiet operation: Usually operates quietly, minimizing noise disturbance.

Long lifespan: With proper maintenance, can have a relatively long service life.

Improved indoor air quality: Can help maintain a comfortable indoor environment.

Easy installation and maintenance: Comparatively simpler to install and maintain compared to complex multiple-system setups.



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