



160L Capacity All In One Heat Pump with Glass Enamel Coating and Energy Efficiency Class I

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

160L or 200L all-in-one heat pump designed for installation in bathrooms, balconies, living rooms, and kitchens.

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. Features intelligent microcomputer control that automatically operates based on water temperature and usage patterns, eliminating the need for manual supervision.

Key Features

Compressor: World-famous brand rotary type or fully enclosed vortex compressor with low noise, low vibration, high efficiency, and long service life. Multiple compressor units feature automatic unloading at partial load for energy savings and reduced frequent starts.

Water Side Heat Exchanger: High-efficiency shell tube or threaded casing heat exchanger with small volume, light weight, easy disassembly, convective heat conduction, and maximum working pressure of 45kgf/cm². Insulated with 10mm PE to prevent energy loss.

Air Side Heat Exchanger: Integral hydrophilic finned inner threaded tube design with large windward area, high heat transfer efficiency, oxidation and corrosion resistance. Hydrophilic fins reduce condensation and frosting, ensuring optimal heating capacity in cold winter conditions.

Low Noise Fan: Domestic brand motor with axial impeller design, anti-aging blades that resist deformation, and rigorous static balance experiments for optimal fan efficiency and noise levels.

Housing Materials: External sheet metal made of galvanized steel with rust removal, cleaning, drying pretreatment, and electrostatic spraying for durable, attractive appearance.

Specifications

Model 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 Temperature	-5 ~45	-5 ~45
Dimensions	510×510×1705mm	510×510×1955mm

Advantages

Space-saving: Combines multiple functions in one unit, ideal for installations where space is limited

Cost-effective: Offers savings in initial purchase and installation costs compared to individual systems

Environmentally friendly: Reduces carbon emissions through superior energy efficiency

Convenience: One-stop solution for temperature control and hot water with easy management

Quiet operation: Minimal noise disturbance during operation


Long lifespan: Durable construction with proper maintenance for extended service life

Improved indoor air quality: Helps maintain comfortable indoor environment

Easy installation and maintenance: Simpler to install and maintain compared to complex multiple-system setups



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