



Household DC Inverter Air to Water Heat Pump with Copeland Compressor, 380V/3N/50Hz Power, and -30°C to 40°C Operation

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: M-D25ADH
- Minimum Order Quantity: 6units
- Price: negotiate a price
- Packaging Details: Factory standard
- Delivery Time: 25-30 days
- Payment Terms: T/T
- Supply Ability: 20units a day



Product Specification

- Fan Direction: Side
- Color: Galvanized
- Power: 380V/3N/50Hz
- Operation Condition: -30°C-40°C
- Compressor: Copeland
- Brand Name: Meidibao
- Highlight: **Dc Inverter Water Source Heat Pump, Household Water Source Heat Pump**

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Product Description

Household DC Inverter Air to Water Source Heat Pump with EVI Technology

This **DC Inverter Air to Water Source Heat Pump** is an all-in-one, energy-saving system designed to meet the heating, cooling, and domestic hot water needs of residential homes. Utilizing advanced inverter technology, it adjusts output intelligently based on real-time demand—delivering maximum comfort with minimum energy consumption.

Key Features

- DC Inverter Technology
- All-Season Comfort
- Air Source Heat Pump Water Heating
- Hot Water Supply up to 60°C
- Reliable Performance

Applications

- **Residential Heating:** Warm up homes effectively without skyrocketing energy bills
- **Commercial Spaces:** Ideal for offices, hotels, and retail stores requiring consistent, efficient heating
- **Industrial Use:** Suited for large-scale heating needs in warehouses or factories
- **Swimming Pools:** Maintain pool water at a comfortable temperature year-round

Why Choose Meidibao EVI Heat Pump?

- Energy Saving
- Multi-Functionality
- Stable and Silent Operation
- Environmentally Friendly
- Smart Control Options
- Wide Ambient Temperature Range
- Durable and Low Maintenance
- Easy Installation with Monoblock Design

Technical Specifications

Model	M-D25ADH
Heating Capacity Range	10.8-36 kW (36849-122832 BTU/h)
Heating Power Input Range	2.5-9.5 kW
Cooling Capacity Range	6.5-21.6 kW (22178-73699 BTU/h)
Cooling Power Input Range	2.1-8.8 kW
Frequency	30-90 Hz

ErP Level (35)	A++
ErP Level (55)	A+
Power Supply	3N 380V 50HZ
Max Running Current	21.8 A
Refrigerant Type	R410A
Refrigerant Quantity	3.3 kg
Compressor Brand	Mitsubishi Electric
Water Pump Brand	WiLo
Water Connection	1"
Water Flow	6.2 m³/h
Water Pressure Drop	10 kPa
Water Pump Head	11.8 m
Fan Motor Quantity	2
Motor Power Input (max)	136 W
Motor Power Input (min)	18 W
Fan Speed (max)	850 rpm
Fan Speed (min)	300 rpm
Pressure Sensor 1	0-20 Bar
Pressure Sensor 2	0-45 Bar
Noise	58 dB(A)
Net Weight	183 kg
Gross Weight	235 kg
Net Dimension (L/W/H)	1370×580×1525 mm
Shipping Dimension (L/W/H)	1480×690×1690 mm

Energy Efficiency Advantage

Under ideal weather conditions, heat pump water heaters produce three times the energy used to power the heat pump. In other words, heat pump water heaters use one-third of the electricity of conventional electric water heaters. CUB estimates that the average residential customer would save a lot of money per month using a MEIDIBAO heat pump water heater.

Product Images

















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