

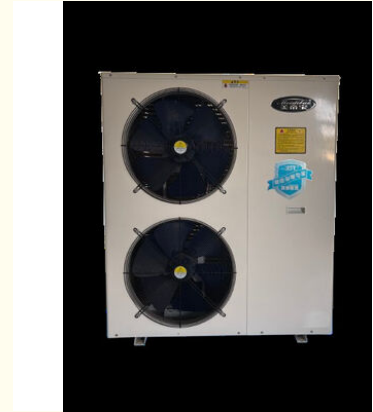


## 25.3kW Heating Capacity Air Source Heat Pump with EVI Technology for Low Energy Consumption in Extreme Temperatures

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

- Brand Name: Meidibao
- Color: Galvanized
- Power: 380V/3N/50Hz
- Operation Condition: -30°C-40°C
- Compressor: Copeland
- Fan Direction: Side
- Highlight: **25.3kw Air Source Heat Pump,  
EVI Air Source Heat Pump**

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# Air Source Heat Pump - 25.3kW Heating Capacity with EVI Low Temperature Technology

## Product Overview

This advanced air source heat pump delivers exceptional heating performance with low energy consumption, featuring Enhanced Vapor Injection (EVI) technology for reliable operation in extreme low-temperature conditions.

## Key Features

### Energy-Efficient Operation

Equipped with advanced EVI (Enhanced Vapor Injection) technology, this heat pump maintains outstanding performance in low-temperature environments, ensuring high COP (Coefficient of Performance) and reduced energy costs.

### Low-Temperature Adaptability

Perfectly engineered for use in extreme climates, the system functions seamlessly in temperatures as low as -25°C, making it a reliable choice for cold regions.

### Eco-Friendly Solution

Utilizing environmentally friendly refrigerants, this heat pump aligns with global sustainability standards, reducing carbon emissions while maintaining excellent heating efficiency.

### Quiet and Durable Design

Built with noise-reduction technology, this system operates quietly, ensuring a peaceful environment. The robust construction guarantees long-term durability, even in harsh weather conditions.

### Smart Control Options

Features intelligent controls, including Wi-Fi compatibility for remote monitoring and management, offering ultimate convenience and flexibility.

## 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

## Technical Specifications

Heating Capacity	25.3 kW
Technology	Enhanced Vapor Injection (EVI)
Operating Temperature Range	-25°C to 45°C
Energy Efficiency	High COP, optimized for low energy consumption
Noise Level	Low-noise operation for quiet environments

## Detailed Specifications

Specification	Unit	M-D25ADH
Heating Capacity Range	kW	10.8-36
Heating Capacity Range	BTU/h	36849-122832
Heating Power Input Range	kW	2.5-9.5
Cooling Capacity Range	kW	6.5-21.6
Cooling Capacity Range	BTU/h	22178-73699

Cooling Power Input Range	kW	2.1-8.8
Frequency	Hz	30-90
ErP level(35 )	/	A++
ErP level(55 )	/	A+
Power Supply	/	3N 380V 50HZ
Electric Heater	kW	/
Max.Running Current	A	21.8
Refrigerant Type	/	R410A
Refrigerant Quantity	kg	3.3
Compressor Brand	/	Mitsubishi Electric
Water Pump Brand	/	WiLo
Water Connection	/	1"
Water Flow	m³/h	6.2
Water Pressure Drop	kPa	10
Water Pump Head	m	11.8
Fan Motor Quantity	/	2
Motor Power Input(max)	W	136
Motor Power Input(min)	W	18
Fan Speed (max)	rpm	850
Fan Speed (min)	rpm	300
Pressure Sensor 1	Bar	0-20
Pressure Sensor 2	Bar	0-45
Noise	dB(A)	58
Net Weight	kg	183
Gross Weight	kg	235
Net Dimension(L/W/H)	mm	1370×580×1525
Shipping Dimension(L/W/H)	mm	1480×690×1690

## 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. The average residential customer would save significantly on monthly energy costs using a MEIDIBAO heat pump water heater.

## Product Images













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