



Factory Commercial Variable Frequency Air To Water Heat Pump Water Heater Air Source Pool Heat Pump

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: M-C40AER
- Minimum Order Quantity: 1 unit
- Price: negotiate a price
- Packaging Details: Factory standard packing
- Delivery Time: 30~45days
- Payment Terms: T/T
- Supply Ability: 200 units 30days



Product Specification

- Name: Swimming Pool Inverter Heat Pump
- Type: Low Temp DC Inverter Air Heat Pump
- Refrigerant: R410A
- Heat Exchanger: Titanium
- Specification: 1500*900*1550MM
- Water Pipe Size: DN50
- HS Code: 84186120
- Highlight: **Commercial Variable Frequency Heat Pump,
Air Source Pool Heat Pump**

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Product Description

M-C40AER V-double Low temperature swimming pool inverter heat pump

Product Description:

The **Meidibao Commercial Air Source Heat Pump** is designed for reliable, energy-saving performance in large-scale heating applications. With **DC inverter technology**, it automatically adjusts operation based on real-time load, ensuring **high COP**, stable temperature control, and lower electricity consumption.

This model is especially suitable for **swimming pool heating** and **domestic hot water supply** in commercial environments such as **hotels, schools, resorts, and fitness centers**.

Feature:

1. Variable Frequency Inverter Compressor (DC)
2. Wide Working Temperature Range
3. Titanium Heat Exchanger (optional)
4. Smart Digital Controller with WiFi Option
5. Environmentally Friendly Refrigerant (R410A or R32)

Specification:

Model		M-C40AER
Heating Condition 1 A26 /W26	Heating(kW)	40
	Power(kW)	9.3
	COP(W/W)	4.3
Heating Condition 2 A-7 /W26	Heating(kW)	21.2
	Power(kW)	7.3
	COP(W/W)	2.9
Heating Condition 3 A-12 /W26	Heating(kW)	17
	Power(kW)	7.4
	COP(W/W)	2.3
Power Type	/	380V/3P/50Hz
Air Way	/	Eject U-layer
Maximun Power/Maximun current	kW/A	12.7/22.5
Water Pipe Size	mm	DN50
Noise db	A	≤68
Weight	kg	280
Use Environment Range		-25-43
Dimensions(L×W×H)	mm	1480×900×1550

Advantages:

optimizing energy consumption and reducing electricity costs.

Variable speed operation: It can adjust its output according to the actual heating needs, providing more efficient and smooth operation.

Quiet operation: Inverter heat pumps typically generate less noise compared to non-inverter models, creating a more pleasant environment.

Steady temperature control: It can maintain a consistent water temperature with greater accuracy, ensuring a comfortable swimming experience.

Longer lifespan: The reduced stress on components due to variable speed operation may contribute to a longer lifespan of the heat pump.

Environmentally friendly: It consumes less energy and has lower emissions compared to other heating options.

Compact design: Occupies less space, making it suitable for various pool setups.







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