



Energy Saving Air Conditioner with 40% Energy Efficiency Variable Frequency Drive and Intelligent IoT Control

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: M-DO3AAH
- Minimum Order Quantity: 6 unit
- Price: 1590-1700USD/SET
- Packaging Details: PLT
- Delivery Time: 30~40days
- Payment Terms: T/T, Western Union
- Supply Ability: 100 sets



Product Specification

- Rated Heating Capacity: 3500
- Nominal Input Power: 940
- Maximum Allowable Current: 1450
- Weight: 42
- Dimension: 855*305*540
- Highlight: **Energy Saving Air Conditioners,
Industrial Precision Control Air Conditioners,
Precision Control Air Conditioners**

for more products please visit us on airsourc-heatinpump.com

Energy Saving Air Conditioners / Industrial Air Conditioners / Precision Control Air Conditioners

Product Overview

Guangdong Foshan Meidibao Electrical Appliance Co., Ltd was established in 2005. As a professional manufacturer of heat pumps, we specialize in non-standard customized solutions for industry peers. In 2009, we successfully developed and marketed the multi-functional heat pump. After extensive market verification, our product quality has remained stable, and our technology has become increasingly mature.

Key Features

- Advanced technology core with high-efficiency compressors and variable frequency drive systems
- Precise compressor speed adjustment with on-demand cooling or heating output
- Reduces energy consumption by more than 40% compared to traditional fixed-frequency air conditioners
- Electronic expansion valve and intelligent sensors for real-time temperature and humidity monitoring
- Dynamic power adjustment to avoid energy waste from frequent start-stop cycles
- Optimized air duct design and advanced heat exchanger materials for enhanced efficiency
- Rapid cooling and heating with reduced fan and compressor operating loads
- IoT technology integration for remote intelligent control via mobile app
- Energy-saving modes and pre-cooling/heating capabilities

Technical Specifications - Model M-D03AAH

Parameter	Unit	Value
Power supply	P/V/HZ	1/230/50
Rated heating capacity	W	3500
Rated input power	W	940
Rated current	A	4.4
Heat water volume	L/H	75
Max input power	W	1450
Max input current	A	7
Refrigerant charging volume	G	R410A/950
Max exhaust pressure	MPa	4.2
Minimum suction pressure	MPa	0.05
Rated outlet water temperature		55
Max outlet water temperature		60
Noise level	db(A)	60
Net dimension	MM	855×305×540
Net weight	KG	42

Performance Advantages

Significant cost savings through advanced frequency conversion technology

- Automatic compressor frequency adjustment based on indoor temperature
- Eliminates power loss from frequent start-stop cycles
- Energy-saving efficiency up to 60% compared to traditional air conditioners
- Monthly electricity bill reduction of 30% to 50% with long-term use
- Stable operation reduces wear on core components like compressors
- Extended equipment service life with reduced maintenance and replacement costs
- Wise investment for both enterprises and households to reduce long-term operating costs

Product Images





Meidibao[®] Foshan Meidebao Intelligent Electrical Appliances Co., Ltd

☎ 8613534489875

✉ info@meidibao.com

🌐 airsource-heatingpump.com

No9, Guangming North Road, Jiangyi, Leliu Town, Shunde District, Foshan City Guangdong Province, China