



38kw Stainless Steel High Efficiency Heat Pump Outdoor Unit for Continuous Hot Water Supply

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: M-D38AAH
- Minimum Order Quantity: 3SET
- Price: negotiate a price
- Packaging Details: Factory standard packing
- Delivery Time: Specific to the order based on regular products 5 to 7 days. Custom made for 30 days
- Payment Terms: T/T
- Supply Ability: 30 SET one day



Product Specification

- Material: 304 Stainless Steel
- Feature: High Efficiency
- Refrigerant: R410A
- Waterproof Level: IP×4
- Max Hot Water: 60
- Working Ambient Temperature: 0~43C
- Name: Custom Heat Pump
- Highlight: **38kw Stainless Steel Heat Pump, Stainless Steel Heat Pump High Efficiency, R 410A Heat Pump Outdoor Unit**

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Product Description

38kw Stainless Steel Heat Pump High Efficiency R 410A Heat Pump Outdoor Unit

Product Overview

38kw Custom Heat Pump outdoor unit designed for marine environments with exceptional longevity and reliability.

Meidibao air source heat pump system is powered by ambient air and operates continuously, providing 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. Intelligent microcomputer control 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 startup frequency.

Water Side Heat Exchanger: High-efficiency shell tube or threaded casing heat exchanger with compact design, lightweight construction, 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 minimize condensation and frosting, ensuring reliable heating capacity in cold winter conditions.

Low Noise Fan: Domestic famous brand motor with axial impeller design, heat-resistant bearings requiring no oil injection maintenance, anti-agging blades that resist deformation. Fans undergo strict static balance experiments for optimal performance.

Housing Materials: External sheet metal made of galvanized steel with pre-treatment including rust removal, cleaning, and drying. Electrostatic spraying provides beautiful, durable finish on all surfaces.

Technical Specifications

Heat Pump Model	M-D38AAH
Power Supply	380V-415V/3PH/50Hz or 60Hz
Working Temperature	-5~43
Min./Max. Out Water Temp	55/60
Output Heating Capacity	38 KW
Hot Water Output	770 L/h
Input Power	9 KW
Rated Current	19 A
Compressor Type	Scroll
Refrigerant	R410A
Condenser Type	Copper tube in shell
Wire Controller	Intelligent/LCD
Auto Defrosting Function	Included
Dimensions (L×W×H)	1500×750×1060 mm

System Advantages

Heat pump form heating eliminates the need for boiler rooms, directly absorbs heat from air, reduces costs, ensures clean and safe operation, and avoids environmental pollution

Optional auxiliary electric heating available for locations with insufficient heat pump capacity during winter

High efficiency, energy saving, and reliable performance with world-famous brand compressors and quality refrigeration components

Multi-system units feature two-stage energy regulation system, ideal for partial load conditions, providing additional energy savings and protecting against frequent system startups

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