



High Efficiency 18kw Air Source Heat Pump Residential M-C18AAH

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: M-C18AAH
- Minimum Order Quantity: 5SET
- Price: negotiate a price
- Packaging Details: wooden frame or plywood box
- 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

- Heat Exchanger: Tube In Tube
- Use: Hot Water
- Waterproof Level: IP×4
- COP: 4
- Working Ambient Temperature: 0~43C
- Name: Commercial Air Source Heat Pump
- Wind-out Form: Side
- Highlight: **18kw Air Source Heat Pump Residential, Residential Air Source Heat Pump 18kw, High Efficiency Heat Pump Residential**

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Product Description

18kw Commercial Air Source Heat Pump High Efficiency For Residential accommodation

Product Description:

Meidibao air source heat pump system is powered by ambient air and operates around the clock: it provides continuous hot water throughout the year and throughout the year, regardless of weather. The operating cost is 67% less than that of gas water heater, 75% less than that of electric water heater and 60% less than that of boiler. Intelligent control: The unit is automatically controlled by a microcomputer, and automatically runs according to the water temperature of the water tank and the user's water use, without the need for special duty. Reasonable arrangement of low front

Feature:

1. Compressor Choose the world famous brand rotary type or fully enclosed vortex compressor, low noise, low vibration, high efficiency, long service life. For units with multiple compressors inside, depending on the heat (cooling capacity), automatic unloading of the unit at partial load can be achieved to effectively save energy and at the same time avoid frequent start-up of the unit.
2. Water side heat exchanger The water side heat exchanger adopts high-efficiency shell tube heat exchanger or threaded casing heat exchanger, which has the characteristics of small volume, light weight, easy disassembly, convective heat conduction, high efficiency, and the maximum working pressure of 45kgf / cm². The outside of the heat exchanger is insulated with 10mm PE to effectively prevent energy loss
3. Air side heat exchanger The air-side heat exchanger adopts an integral hydrophilic finned inner threaded tube design, with a large windward area, high heat transfer efficiency, resistance to oxidation and corrosion, and hydrophilic fins that are less prone to condensation and frosting, ensuring that the unit has sufficient heating capacity in the cold winter season, and that the unit can still operate normally for heating and defrosting even in low temperatures
4. Low noise fan the use of domestic famous brand motor, the use of axial impeller design, bearing is not easy to heat up, free of oil injection maintenance, blade more anti-aging, not deformed, the fan are strictly, static balance experiments, in order to obtain the best fan working point, fan efficiency and noise level.

Specification:

Product	18KW side-out air source heat pump
Model	M-C18AAH
working temp	0 ~43
Power supply	380V 3N /50Hz
Rated heating capacity	18.2kW
Rated power input	4.5kW
Rated current	7.9A
Max current	10.0A
Hot water flow	390L/h
Refrigerant/Charge	R410A/1600g
Max exhaust working pressure	4.2MPa
Min suction working pressure	0.15MPa
set temp. range	20 ~60
water pipe size	DN25
Noise	≤65dB(A)
Anti-electric shock rate	I
Protection grade	IP×4
Net Dimensions (L*W*H):	1050×380×1100mm
Net weight	96kg
Testing condition:ambient Dry/Wet Bulb temp:20 /15 ,Water Inlet Outlet temp:15 /55	

Advantages:

Heat pump form heating: no need to build a boiler room, directly from the air heat absorption, reduce the cost, clean and safety, avoid environmental pollution; For some winter by heat pump heat shortage places, it can also choose auxiliary electric heating to meet the heat requirements. High efficiency, energy saving, reliable performance: choose the world famous brand rotary type or fully enclosed vortex compressor and the world famous brand high-quality refrigeration components, to ensure that the whole machine plays the highest energy efficiency. The multi-system unit adopts a two-stage energy regulation system, which is especially suitable for partial load, more energy saving and can effectively protect the frequent start of the system.

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