Energy-Saving Solution 180KW 380V Air Source Heat Pump for Large-Scale Heating Needs

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: KFXRS-175II-M1
- Minimum Order Quantity: 1SET
- 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: 5 SET one day

Product Specification

- Rated Heating Capacity: 180KW
- Water Heating Capacity: 3860L/h
- Waterproof Level: IP×4
- Working Ambient Temperature: 0~43C
- Power Supply: 380V/3Ph/50Hz
- Service: OEM, Free Design
- Highlight: **OEM Hotel Air Source Heat Pump**, **Hotel Air Source Heat Pump 168kw**, **Hotel Style Heat Pump 380V**

Product Description

168kw 380V Air Source Heat Pump For School Hospital Hotel HIgh efficiency

Product Description:
The 168KW 380V Air Source Heat Pump is engineered for large-scale commercial heating and hot water needs, making it ideal for schools, hospitals, hotels, and other high-demand facilities. Combining robust performance with energy efficiency, this unit is a cost-effective and environmentally conscious solution for extensive heating requirements.

Feature:

Powerful Heating Capacity: With a remarkable 168KW capacity, this heat pump efficiently heats large volumes of water, catering to the continuous demand of commercial settings. It is ideal for facilities with high occupancy, such as schools, hospitals, and hotels.
High Voltage Compatibility: Operating on 380V, this unit is designed for industrial and commercial power standards, ensuring reliable and stable performance even under heavy loads.
Optimized for Energy Efficiency: The air source technology captures ambient air to provide heat, resulting in up to 70% energy savings compared to conventional heating systems. This lowers operational costs and makes it an economically viable choice for facilities with extensive heating needs.
Eco-Friendly Operation: This air source heat pump significantly reduces carbon emissions by using renewable air energy, supporting sustainable operations and helping facilities meet green building standards.
Quiet and Reliable: Equipped with a high-efficiency compressor and noise-reducing fan technology, this unit operates with minimal noise, ensuring a quiet environment for guests, patients, and staff.
Durable and Weather-Resistant: Constructed with high-grade materials, including a corrosion-resistant housing, this heat pump withstands challenging outdoor conditions and offers long-term reliability in all climates.
User-Friendly Control Panel: The intuitive control interface allows for easy temperature adjustments, monitoring, and scheduling, making it convenient for facility managers to ensure optimal performance.
Adaptable for Multi-Zone Use: Designed for versatile installation, the heat pump can be configured to service multiple zones or buildings within a facility, making it perfect for campuses, multi-wing hotels, or hospital complexes.

Specification:

Product	Air source heat pump
Model	KFXRS-175II-M1
Climatic type	Normal
Power supply	380V 3N /50Hz
Rated heating capacity	180kW
Rated power input	48.6kW
Max Rated current	85.8A
Refrigerant / Charge	R22/6000g×4
Rated water temp.	55
Max hot water temp.	60
working temp	0-43
water pipe size	DN65
Noise	≤78dB(A)
Product dimension	2300×1300×2430mm
Net weight	1500kg

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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