



20HP High Efficiency Commercial Air Source Heat Pump , Hotel Room Heat Pump

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: M-D71AAH
- Minimum Order Quantity: 2SET
- 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

- Name: 20HP Commercial Air Source Heat Pump
- Material: Galvanized Sheet
- Use: Heating
- Waterproof Level: IP×4
- COP: 3.8~4.2
- Working Ambient Temperature: 0~43C
- Power Supply: 380V/3Ph/50Hz
- Highlight: **71kw Commercial Air Source Heat Pump, Hotel Room Heat Pump High Efficiency**

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Product Description

20HP High Efficiency Commercial Air Source Heat Pump , Hotel Room Heat Pump

Product Description:

The **20HP High-Efficiency Commercial Air Source Heat Pump** is a powerful and reliable heating solution designed for **hotels, resorts, apartments, and commercial buildings**. Engineered for **energy savings and stable performance**, this heat pump provides **consistent heating and domestic hot water** for multiple rooms, ensuring superior comfort for guests and residents.

Key Features:

High-Capacity Heating (20HP) – Powerful output to support large-scale heating and hot water needs.

Energy-Saving Technology – High **COP (Coefficient of Performance)** ensures lower energy consumption and operational costs.

Eco-Friendly Refrigerant – Uses R32 or R410A for **reduced environmental impact** and enhanced efficiency.

Stable & Reliable Performance – Works efficiently in **various climates**, maintaining consistent operation even in low temperatures.

Smart Control System – **LCD touch panel and Wi-Fi/App control** for easy remote management.

Low Noise Operation – Designed with advanced noise-reduction technology for a quiet, comfortable environment.

Flexible Installation & Integration – Compatible with **radiators, underfloor heating, and fan coil units** for diverse applications.

Ideal for:

Hotels & Resorts – Provides continuous heating and hot water for multiple rooms.

Office Buildings & Apartments – Ensures comfortable indoor temperatures with energy-efficient operation.

Swimming Pools & Spas – Can be integrated for large-scale hot water supply.

Specification:

Product Name:	Air source heat pump
Model:	M-D71AAH
Climate type:	Normal
Power supply	380V/3N/50Hz
Rated heating capacity	71
Rated power input	17.7KW
Rated current	31.2A
Refrigerant/charging volume	R410A/3200g*4
Compressor brand/quantity	Copeland or panasonic / 4
Rated hot water temperature:	55
Max hot water temperature:	60
Rated cold water temperature:	7
water pipe size	DN65
Noise level:	≤74dB(A)
Anti-electric shock rate	I
Protection grade:	IP×4
Weight:	480KG
Dimensions:	1800×1100×1860
Manufacturing date:	See bar code
Factory No.:	See bar code
Test result:	Qualified

Advantages:

Powerful Heating Capacity

With **20HP output**, it delivers **high-performance heating and hot water** for large-scale applications like hotels, apartments, office buildings, and resorts.

Supports multiple rooms or units simultaneously, ensuring **consistent warmth and comfort**

Energy Efficiency & Cost Savings

High COP (Coefficient of Performance) reduces electricity consumption, lowering operational costs.

Uses **inverter technology** to adjust power output based on demand, improving efficiency and reducing energy waste.

Eco-Friendly & Sustainable

Uses **low-GWP refrigerants (R32 or R410A)**, minimizing environmental impact.

Reduces carbon footprint compared to traditional boilers or electric heaters.

Reliable Performance in Various Climates

Works **efficiently in cold and hot temperatures**, ensuring **year-round operation**.

Advanced defrosting technology prevents freezing issues in low temperatures.

Smart & Convenient Control

LCD touch panel & Wi-Fi/App control for remote operation and easy monitoring.

Can be integrated into **Building Management Systems (BMS)** for centralized control.

Quiet & Low-Maintenance Operation

Designed with **low-noise fans and compressors**, ensuring a **peaceful environment** for guests and occupants.

Minimal maintenance required, reducing service and repair costs.

Versatile & Flexible Applications

Compatible with **radiators, underfloor heating, fan coil units, and hot water supply systems**

Ideal for **hotels, office buildings, apartment complexes, swimming pools, and spas**



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