



5HP High Quality Customized Commerical Air Source Swimming Pool Spa Heat Pump

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: KFXRS-21II-M3
- Minimum Order Quantity: 6SET
- Packaging Details: wooden frame or plywood box
- Delivery Time: 25-30days
- Payment Terms: T/T
- Supply Ability: 30 set one day



Product Specification

- Type: Commercial Air Source Heat Pump
- Refrigerant: R410A
- Heat Water Capacity: 473 L/h
- Working Ambient Temperature: 0~43C
- Power Supply: 380V-415V/3/50HZ
- Heat Exchanger: Titanium
- Highlight: **5HP Commerical Air Source Heat Pump,
Swimming Pool Spa Heat Pump,
Customized Commerical Air Source Heat Pump**

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Product Description

5HP High Quality Customized Commerical Air Source Swimming Pool Spa Heat Pump

Product Description:

The **5HP Commercial Air Source Swimming Pool & Spa Heat Pump** is a premium heating solution designed for **hotels, resorts, fitness centers, schools, and large residential pools**. With **customizable options**, this heat pump ensures optimal efficiency, durability, and performance to meet specific commercial heating needs.

Key Features:

High-Efficiency Heating & Energy Savings

Utilizes **advanced air-source heat pump technology** to extract heat from the air, significantly reducing energy consumption.

Provides **up to 75% energy savings** compared to traditional gas or electric heaters.

Ensures **stable water temperature** with intelligent control and high COP (Coefficient of Performance).

Powerful 5HP Output for Large Pools & Spas

Delivers **fast and efficient heating** for **medium to large-sized pools**.

Ideal for maintaining **comfortable water temperatures** in **hotels, spas, therapy pools, and commercial swimming facilities**.

Customized Design for Specific Requirements

Available in different configurations, including **color, casing material, and control panel options**, to meet unique project needs.

Optional **Wi-Fi smart control** for remote operation and monitoring.

Durable & Weather-Resistant Construction

Heavy-duty galvanized or stainless steel casing ensures **corrosion resistance and long-term durability**.

Designed for **outdoor installation**, withstanding harsh weather conditions, humidity, and chlorine exposure.

Top-Quality Components for Reliability

Equipped with a **high-performance compressor** for stable and efficient operation.

Features **high-efficiency titanium heat exchanger**, providing **superior resistance to pool chemicals and extended lifespan**.

Intelligent **defrosting system**, allowing operation in **low temperatures**.

Quiet Operation & User-Friendly Interface

Low-noise fan and compressor technology ensure a **quiet swimming environment**.

Intuitive **digital control panel** for easy temperature adjustments and system monitoring.

Plug-and-play installation with **low maintenance requirements**.

Eco-Friendly & Sustainable Solution

Uses **environmentally friendly refrigerant**, reducing carbon footprint and environmental impact.

Reduces dependence on fossil fuels, making it a **green and sustainable heating option**.

Applications:

Hotels & Resorts – Keeps pools and spas at the perfect temperature for guest comfort.

Fitness Centers & Spas – Ideal for **therapy pools, hydrotherapy, and wellness centers**.

Schools & Public Pools – Ensures **safe and reliable heating** for year-round swimming.

Luxury Homes & Villas – A premium heating solution for **high-end residential pools**.

This **5HP high-quality customized air source swimming pool & spa heat pump** is designed to provide **efficient, eco-friendly, and reliable heating** for commercial and residential applications.

Specification:

Product	Air Source Heat Pump
Model	KFXRS-21II-M3
Climatic type	Normal
Power supply	380V 3N /50Hz
Rated heating capacity	22kW
Rated power input	5.4kW
Max Rated current	12A
Refrigerant / Charge	R22/2800G
Rated water temp.	55
Max hot water temp.	60
water pipe size	DN25
Noise	≤65dB(A)
Anti-electric shock rate	I
Protection grade	IP×4
Product dimension	750*690*1060mm
Net weight	130kg

Advantages:

Environmentally friendly: Produces fewer greenhouse gas emissions.

Consistent water temperature: Maintains a stable and comfortable water temperature for swimming.

All-season use: Allows the pool to be used even in colder weather.

Fast heating: Can quickly raise the water temperature.

Easy installation: Comparatively simpler to install compared to some other systems.

Low noise level: Does not create excessive noise during operation.

Long lifespan: With proper maintenance, can last for many years.

Versatile application: Suitable for various sizes and types of swimming pools.

Cost-effective in the long run: Although the initial investment may be significant, the savings in energy over time can make it economically beneficial.







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