



## New Upgrade Swimming Pool Heat Pump with Titanium Alloy Heat Exchangers and 21KW Rated Heating Capacity for 30% Energy-Saving Efficiency

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: KFX Y-21II
- Minimum Order Quantity: 6 unit
- Price: 1590-1700USD/SET
- Packaging Details: PLT
- Delivery Time: 30~40days
- Payment Terms: T/T, Western Union
- Supply Ability: 100 sets



### Product Specification

- Rated Heating Capacity: 21
- Nominal Input Power: 4.9
- Maximum Allowable Current: 13
- Water Flow Rate: 8-15
- Dimension: 820\*690\*1080
- Highlight: Upgrade Swimming Pool Heat Pump, Efficiency Swimming Pool Heat Pump



### More Images



## Product Description

# New Upgrade Swimming Pool Heat Pump With Titanium Alloy Heat Exchangers

Energy-saving efficiency has soared by 30% with the support of titanium alloy heat exchangers in this newly upgraded swimming pool heat pump.

## Company Background

Guangdong Foshan Meidibao Electrical Appliance Co., Ltd. was established in 2005. As a professional manufacturer of heat pumps, we also serve as an original equipment manufacturer for non-standard customized solutions for industry peers. In 2009, our multi-functional heat pump was successfully developed and marketed. After extensive market verification, the product quality has remained stable, and the technology has become increasingly mature.

## Technology & Efficiency

The swimming pool heat pump, based on the reverse Carnot cycle principle, efficiently absorbs free heat energy from the air and only consumes a small amount of electricity to drive components such as the compressor. Compared with traditional electric heating equipment, it can save energy by approximately 70% to 80%.

**Cost Savings Example:** For common swimming pool scales, direct electric heating may result in monthly electricity bills as high as several thousand yuan. However, our heat pump extracts heat from outdoor air and transfers it to pool water, significantly reducing the consumption of directly converting electrical energy into thermal energy.

During spring and autumn when air temperatures are more suitable, the heat pump's energy efficiency ratio is higher, further reducing operating costs. Long-term use provides considerable expense savings for swimming pool operators.

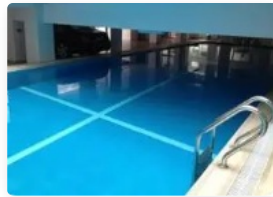
## Technical Specifications

Parameter	Unit	Value
Model		KFGY-21II
Factory Code		MDB-05HP
Rated Heating Capacity	KW	21
Nominal Input Power	KW	4.9
Maximum Allowable Current	A	13
Water Flow Rate	m <sup>3</sup> /h	8-15
Maximum Water Pressure	MPa	1
Inlet and Outlet Pipe Size	MM	DN50
Noise	dB(A)	≤50
Dimension	MM	820×690×1080
Weight	KG	160

## Key Advantages

Breakthrough low-temperature performance allows stable heat output even in -10 environments, enabling year-round swimming pool operation. Provides cooling in summer, constant temperature in spring and autumn, and heating in winter - transforming "seasonal business" into "annual cash flow."

- Ideal for cultural and tourism projects and high-end hotel swimming pools
- Creates continuously open operation scenarios
- Generates more consumption touchpoints
- Addresses high idle rates of northern swimming pools in winter



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