



## Titanium Alloy Heat Exchanger Swimming Pool Heat Pump Corrosion-Resistant Durable

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: KFX-Y-42II
- 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: 43
- Nominal Input Power: 9.7
- Maximum Allowable Current: 26
- Dimension: 1360\*750\*1360
- Weight: 310
- Highlight: **Titanium Alloy Pool Heat Pump,  
Corrosion Resistant Pool Heat Pump**



## Product Description

Titanium alloy heat exchanger + swimming pool heat pump: More corrosion-resistant and durable, heating cost per ton of water reduced by half

### Product Description:

Guangdong Foshan Meidibao Electrical Appliance Co.,Ltd was established in 2005. As a professional manufacturer of heat pumps, it is also a original equipment manufacturer for non-standard customized solutions for Industry Peers. In 2009, the 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.

**Feature:** The swimming pool heat pump is equipped with a titanium alloy heat exchanger, and the titanium alloy material has excellent corrosion resistance. Swimming pool water often contains chemical substances such as chlorine and salt.

Ordinary metal heat exchangers are prone to corrosion, which affects the service life of the equipment and the heat exchange efficiency. Titanium alloy has high chemical stability and can effectively resist the erosion of swimming pool water. Even in harsh water quality environments with high chlorine and high salt content, it can operate stably for a long time. Meanwhile, the excellent thermal conductivity of titanium alloy ensures efficient heat exchange, allowing the heat pump to maintain high performance when heating or cooling swimming pool water.

This not only extends the service life of the equipment, reduces the frequency and cost of maintenance and replacement due to heat exchanger failures, but also ensures the stability of the swimming pool water temperature control, providing reliable support for the swimming pool water quality and user experience.

### Specification:

MODEL	unit	KFXY-42II
factory code		MDB-10HP
Application ambient temperature		
Power Specification	/	
Rated heating capacity	KW	43
Nominal input power	KW	9.7
Maximum allowable current	A	26
Water flow rate	m <sup>3</sup> /h	15-20
Maximum water pressure	MPa	1
Refrigerant	/	
Air outlet mode	/	
Protection class	/	
Inlet and outlet pipe size	MM	DN50
Inlet and outlet port type	/	
Noise	dB(A)	≤50
Dimension	MM	1360*750*1360
Weight	KG	310

### Advantages:

The annual operation and maintenance cost of traditional heating equipment accounts for a high proportion. The swimming pool heat pump, relying on the low-loss feature of titanium alloy heat exchangers, reduces the maintenance frequency by 70% within five years, and the electricity cost is only one-third of that of gas heating. Take a 1,000-square-meter swimming pool as an example. Saving 20,000 to 30,000 yuan in electricity costs each year can cover the equipment procurement costs within five years. The money saved during long-term operation is directly converted into profit margins, making operating costs no longer a shackle to the pool's profitability.



**Meidibao® Foshan Meidi Bao Electric Appliance Industry Co., Ltd**

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