



EVI Heat Pump with Corrosion Resistant Titanium Heat Exchanger for Aquaculture Saves 70% Energy with Intelligent Start-Stop

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Meidibao
- Certification: CE
- Model Number: MDB-28HP
- Minimum Order Quantity: 3 Unit
- Price: negotiate a price
- Packaging Details: Factory standard packing
- 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: 10 Unit/Units per Month



Product Specification

- Name: Meidibao Heat Pump
- Type: Fixed
- Origin: Guangdong Province China
- Working Temp: -7-43
- Dimension: 2004*1104*1964
- Weight: 580
- Highlight: **Smart Thermostat EVI Heat Pump, EVI Heat Pump in Aquatic Breeding**

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Product Description

EVI Heat Pump Smart Thermostat Ensures Stable Water Temperature Reduces Mortality Rates In Aquatic Breeding

Smart Thermostat Ensures Stable Water Temperature, Reduces Mortality Rates In Aquatic Breeding

Foshan Meidibiao Electrical Appliance Co., Ltd, established in 2005, specializes in the research, development and production of heat pumps. With high-quality products and excellent customer service, we have received great praise in markets around the world and have established a global sales network covering regions such as Europe, North America, and South Africa. Whether in terms of technological innovation or service provision, we are committed to exceeding industry standards and establishing long-term partnerships based on reliability and performance.

Key Features

The heating efficiency far exceeds that of traditional equipment: By utilizing heat pump technology to absorb heat from the air and convert it into heat for the aquaculture water body, the heating efficiency (COP value) can reach 3.5-6.0. Compared to electric heating, it saves over 70% energy, and is 50% more energy-efficient than fuel-fired boilers, significantly reducing long-term operating costs.

Core components are corrosion-resistant: The heat exchanger is made of titanium alloy, which can withstand the erosion of high-concentration chloride ions, ammonia nitrogen and other substances in the aquaculture water body. Its service life is 3-5 times that of ordinary stainless steel heat exchangers, reducing the frequency of equipment replacement.

Low-energy consumption and intelligent start-stop: Through dual-parameter linkage control of water level and water temperature, it automatically shuts down when the water body temperature reaches the set value and quickly starts when it is below the threshold, avoiding unnecessary energy consumption and further enhancing energy-saving effects.

Specifications

MODEL	unit	YKFXRS-48II-M4
Factory Model Number		MDB-20HP
Applicable Ambient Temperature	°C	-7-43
Power Supply Specification	/	380V 3N/50HZ
Rated Heating Capacity	kw	90
Nominal Input Power	kw	20
Rated Supply Voltage	A	43
Maximum Water Pressure	mpa	40
Refrigerant	/	R22
Air Discharge Mode	/	Top Air Discharge
Noise	DB(A)	≤75
Dimensions	MM	2008*1108*1968
Weight	KG	580

Advantages


The aquaculture heat pump demonstrates outstanding economic performance. Its efficient heating method can save over 70% of energy consumption compared to electric heating, and reduce costs by 50% compared to fuel-fired boilers. Long-term use can significantly reduce expenses for farmers. At the same time, its intelligent start-stop function avoids unnecessary energy consumption, further enhancing energy-saving effects.


In terms of environmental protection, it does not burn fuel during operation, does not emit waste gas or waste residue, and does not pollute the aquaculture water bodies and the surrounding environment. It fully complies with the requirements of green aquaculture policies. Moreover, its core components are made of corrosion-resistant materials such as titanium alloy, which can resist the erosion of chloride ions and ammonia nitrogen in the water body. The service life is 3-5 times that of ordinary equipment, reducing the frequency of equipment replacement. In the long run, it not only reduces maintenance costs but also practices environmental protection concepts, achieving a win-win situation of economic benefits and environmental benefits.






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