



Energy-Efficient Aquaculture Heat Pump with Long-Life and Simple Operation for Precise Water Temperature Control

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: meidibao
- Certification: CE
- Model Number: YKFXRS-24II-M1
- Minimum Order Quantity: 6 unit
- Price: 1590-1700USD/SET
- Packaging Details: PLT
- Delivery Time: 30~40days
- Payment Terms: T/T
- Supply Ability: 100 sets



Product Specification

- Rated Input Power: 10.1
- Rated Input Current: 17.1
- Maximum Input Power: 16.5
- Maximum Input Current: 27.7
- Net Weight: 420
- Highlight: **Long Life Aquaculture Heat Pump, Energy Efficient Aquaculture Heat Pump, Aquaculture Heat Pump**



Product Description

YKFXPRS-20II-M Energy-Efficient Aquaculture Heat Pump

Product Overview

The YKFXPRS-20II-M Energy-Efficient Aquaculture Heat Pump offers long-life performance and simple operation with tailored temperature control solutions specifically designed for aquaculture applications.

Manufactured by Guangdong Foshan Meidibao Electrical Appliance Co., Ltd., established in 2005, this professional heat pump manufacturer specializes in non-standard customized solutions for industrial applications. The multi-functional heat pump technology has been market-verified since 2009 with proven stability and mature technology.

Key Features

- Designed specifically for aquaculture scenarios with precise water temperature control
- Maintains stable temperature environment for various aquaculture species
- Suitable for fish and shrimp breeding, adult farming, and special aquatic products
- Provides customized temperature control solutions for optimal growth environments
- Adapts to living habits of aquatic products for improved farming efficiency

Application Benefits

This aquaculture heat pump serves as an "invisible guardian" for stable aquaculture environments, providing precise temperature control from fry rearing stages to large-scale adult breeding operations.

During the sensitive fry rearing stage, the heat pump continuously outputs stable heat energy to balance water temperature and ensure consistent feeding and growth rhythms. For special aquatic products like giant salamanders and groupers, it can replicate original habitat conditions by flexibly adjusting water temperature, enabling efficient small-scale breeding operations.

Technical Specifications

Parameter	Unit	Value
Rated Input Power	kW	10.1
Rated Input Current	A	17.1
Maximum Input Power	kW	16.5
Maximum Input Current	A	27.7
Maximum System Pressure	MPa	2.8/4.2
Refrigerant	-	R22/R410A
Water Pipe Diameter	-	DN50
Water Pressure Drop	kPa	50
Net Weight	Kg	420
Dimensions - Length	mm	1450
Dimensions - Width	mm	705
Dimensions - Height	mm	1350

Safety & Environmental Advantages

The aquaculture heat pump prioritizes safety and environmental protection as core advantages. Operating without open flames eliminates fire or explosion risks, making it ideal for enclosed farm environments.

Unlike traditional heating equipment, it emits no toxic gases or pollutants, safeguarding both farmed organisms' health and the ecological balance of breeding areas. This is particularly crucial for aquatic farms where water quality directly impacts fish and shrimp survival, preventing chemical contamination that could affect growth or cause stress.

The eco-friendly design aligns with global sustainable farming trends, reducing carbon footprint while ensuring long-term operational viability.

Product Images



Meidibao® Foshan Meidebao Intelligent Electrical Appliances Co., Ltd

☎ 8613534489875

✉ info@meidibao.com

🌐 airsource-heatingpump.com

No9, Guangming North Road, Jiangyi, Leliu Town, Shunde District, Foshan City Guangdong Province, China