

Swimming Pool Heat Pump with Titanium Heat Exchanger

This swimming pool heat pump features a PVC titanium heat exchanger for full corrosion resistance. It has an intelligent controller with LCD display and automatic defrosting function.



ADDITIONAL IMAGES



Overview

High-Efficiency Pool Climate Control

This advanced swimming pool heat pump utilizes full DC inverter technology to provide rapid heating while maintaining exceptional energy efficiency. Designed for durability, it features a corrosion-resistant titanium heat exchanger and a robust, weather-resistant plastic housing. The unit offers intelligent control capabilities, including remote smartphone app management and a user-friendly touch screen interface, making it an ideal solution for maintaining comfortable pool temperatures year-round.

Performance & Efficiency



Full DC inverter technology achieves high COP ratings and smart app connectivity for remote temperature management.

Coefficient of Performance (COP)

20.04 W/W
Peak COP

6.9 W/W
Max Rated COP

Energy Efficiency Class

Class A

Technical Specifications



Vertical exhaust design allows for flexible installation in tight spaces, while the enclosed cabinet ensures ultra-quiet operation.

Performance Data Summary

Metric	Range
Heating Capacity	5.1 - 21.5 kW
Water Flow Volume	3.65 - 9.00 m ³ /h
Water Pressure Drop	32 - 40 kpa
Max Input Current	11.1 - 34.7 A

Refrigerant Type	R32, R410A
Ambient Operating Temperature	-20°C to 45°C
Operating Noise Level	16-54 dB(A)
Water Inlet/Outlet Size	1-1/2 inch

Key Features

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- Full DC Inverter Technology (10%-90% adjustment)
- Corrosion-resistant Titanium Heat Exchanger
- Intelligent LCD Touch Screen Controller
- Automatic Defrosting Function
- Soft Starter (0A to 28A)
- Hydrophilic Coating on Fins-Coil
- Vertical Exhaust Design for Compact Installation