

Air to Water Heat Pump for Swimming Pools

This air to water heat pump efficiently extracts heat from the ambient air to warm swimming pool water. It features multiple protections for the compressor and heat exchanger, including anti-freezing and water flow safeguards.



ADDITIONAL IMAGES



Overview

High-Efficiency Swimming Pool Heat Pump

This air-to-water heat pump provides an energy-efficient solution for maintaining optimal swimming pool temperatures, offering up to 75% energy savings compared to traditional electric heaters. Designed for durability with a stainless steel casing and titanium heat exchanger, it ensures long-term performance and erosion resistance. The unit features intelligent microprocessor controls, automatic defrosting, and comprehensive safety protections, including anti-freezing and water flow monitoring.

Key Features

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Energy Efficient, Titanium Heat Exchanger, Stainless Steel Casing, Intelligent Control, Automatic Defrosting, Anti-Freezing Protection

Technical Specifications

Performance Parameters

| Model | Heating Capacity (kW) | COP (Avg) | Pool Size (m ³) |
|--------------|-----------------------|-----------|-----------------------------|
| JDLKRY-5FE1 | 5.4 | 7 | 10-20 |
| JDLKRY-8FE1 | 8.3 | 7.4 | 20-30 |
| JDLKRY-13FE1 | 14.37 | 7.2 | 30-50 |
| JDLKRY-16FE1 | 18 | 6.3 | 55-70 |
| JDLKRY-20FE1 | 22.3 | 7.1 | 60-80 |

Noise Level

- 47
- 51
- 54
- 56

Refrigerant Medium

R32 • R410A

| | |
|-------------------|---------------|
| Power Supply | 220~240V/50Hz |
| Protection Grade | IPX4 |
| Electrical Safety | CLASS I |