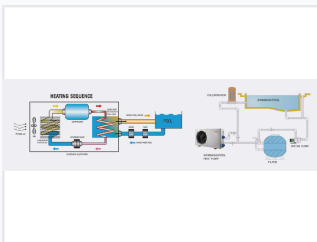


Swimming Pool Heat Pump for Residential Use

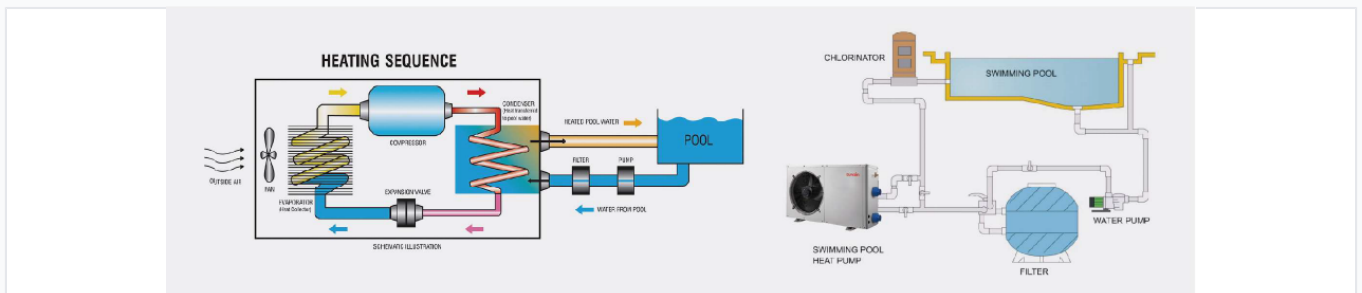
This swimming pool heat pump is designed for residential use. It utilizes advanced heat exchange technology for efficient heating and cooling, ensuring consistent water conditions.



ADDITIONAL IMAGES



Product Overview



A diagram illustrating the heating cycle process from air intake to pool water circulation.

High-Efficiency Residential Heat Pump

This residential swimming pool heat pump provides reliable heating and cooling throughout the year. Featuring a titanium heat exchanger and environmentally friendly R410A refrigerant, the unit ensures long-term durability and corrosion resistance. It includes advanced control features like automatic defrost, high-pressure protection, and MODBUS communication for seamless integration into your pool management system.

Key Features

Features:

- R410A refrigerant, environmental friendly.
- Titanium heat ex-changer, corrosion resistance.
- High pressure protection.
- Defrost automatically.
- With water flow switch.
- MODBUS communication.
- Full automatically operation.
- The heat pump can heat and cool the swimming pool.



Summary of key operational and safety features including R410A refrigerant and MODBUS support.

System Capabilities

- Heating and cooling functionality
- Automatic operation
- Titanium heat exchanger
- Environmentally friendly R410A refrigerant
- Automatic defrost cycle
- High-pressure protection
- MODBUS communication support
- Built-in water flow switch

Performance Data

Standard Performance

Metric	Heating Capacity	COP
Air 27°C/24°C, Water 27°C/29°C	5.0 - 30.0 kW	5.79 - 6.06
Air 15°C/12°C, Water 26°C/28°C	3.6 - 23.5 kW	4.88 - 5.01

Technical Specifications

Operating Conditions

-15 °C

Minimum Temp

43 °C

Maximum Temp

50 mm

Water Connection