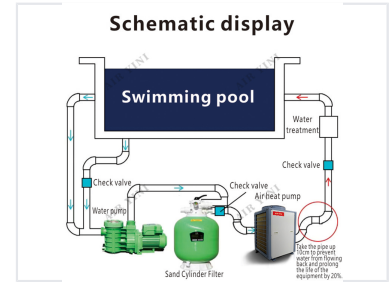


Pool Heat Pump Water Heater

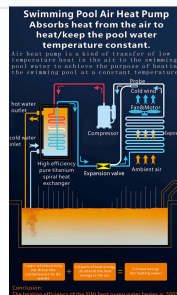
This pool heat pump is engineered for efficient temperature regulation in pools and spas. Its intelligent control system ensures high efficiency and stable performance.



ADDITIONAL IMAGES



Overview

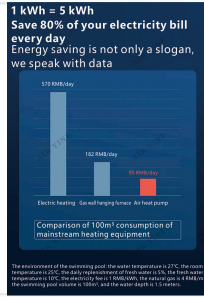


Efficient heat transfer process achieving up to 500% heating efficiency by absorbing thermal energy from ambient air.

Commercial Swimming Pool Heat Pump

This high-efficiency air source heat pump is specifically engineered for precise water temperature control in commercial and residential swimming pools, spas, and gyms. By utilizing advanced heat exchange technology, the system achieves a COP of 6.8, offering at least 80% energy savings compared to traditional electric heating methods. It features robust construction with titanium heat exchangers and intelligent microprocessor control for stable, reliable performance in various environments.

Performance Metrics



Economic analysis demonstrating significant daily cost savings compared to traditional heating equipment.

Key Operational Metrics

7.8 kW

Rated Heating Capacity

6.8 W/W

Coefficient of Performance (COP)

1.15 kW

Rated Input Power

5.9 A

Max Running Current

Technical Specifications

Pure titanium coil heat exchanger, effective against corrosion

The air energy heat pump adopts titanium plate heat exchanger, which can protect the equipment from corrosion in the environment of swimming pool water, which can greatly reduce the maintenance cost and fully guarantee the life of the unit.



Durable titanium coil heat exchanger designed to withstand pool chemicals and extend equipment lifespan.

Detailed Specifications

Feature	Specification
Model	YINI-010-YC
Heating Mode	Circulating
Ambient Temp Range	-15~+43°C
Power Supply	220V-240V 1N~50Hz
IP Protection	IPX4
Refrigerant	R32
Compressor Type	Scroll
Heat Exchanger	Titanium

Safety & Features

Simple operation, one-click

Just set the temperature, the temperature will automatically power off, no need for secondary operation



Intuitive wired LCD controller allows for easy temperature setting and automatic mode selection.

Safety Protections

- High and low pressure protection
- Overload protection
- Temperature protection
- Power phase sequence protection

Core Features

Titanium Heat Exchanger, Corrosion Resistant, Automatic Defrosting, Intelligent LCD Controller, Flow Switch Protection, Compact Structure