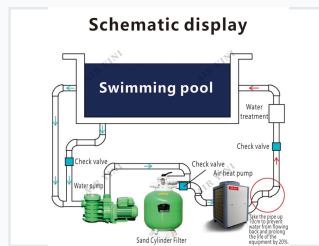


Air to Water Swimming Pool Heat Pump with Full DC Inverter

This air to water heat pump is engineered for precise temperature control in pools and spas. An intelligent system ensures high efficiency and stable performance.



ADDITIONAL IMAGES



Product Overview



Professional Swimming Pool Heat Pump

This commercial-grade swimming pool heat pump is engineered for precise water temperature control in large pools, including hotels, schools, and gyms. Featuring advanced full DC inverter technology, it achieves a high coefficient of performance (COP) of 5.4, delivering over 80% energy savings compared to traditional electric heating equipment. The unit is designed for durability and ease of use, incorporating a titanium heat exchanger and intelligent remote monitoring capabilities.

Key Features

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.



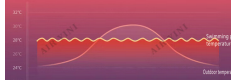
Performance Features

- Full DC Inverter technology for optimized energy efficiency
- Corrosion-resistant PVC Titanium heat exchanger
- Intelligent LCD wired controller with quick microprocessor adjustment
- Automatic defrosting function for cold climate operation
- Built-in water flow protection switch
- Hydrophilic coating on fins-coil air exchanger

Technical Specifications

Swimming pool rapid heating a 1°C precise automatic constant temperature

By heating the water in the swimming pool, the air heat pump can quickly heat up the water to 42-43 °C, which is the standard swimming pool temperature. Then enter the stage of constant temperature of 28°C, precise temperature control of 1°C, to provide you with a perfect and comfortable swimming experience.



The temperature of the swimming pool constant temperature can be set freely, the highest is 60 °C.

Performance Metrics

11 kW

Rated Heating Capacity

5.2 W/W

COP

2.12 kW

Rated Input Power

System Data

Specification	Value
Model	YINI-030-YC
Heating Mode	Circulating
Ambient Temp Range	-15 to +43 °C
Max Running Current	10 A
Power Supply	220V-240V 1N-50Hz
Refrigerant	R407C (1.4 KG)
Compressor Type	Scroll
Max Outlet Water Temp	40 °C
IP Code	IPX4

Certifications and Compatibility

Certifications

CE, CB, IAF, SAA, GS, ErP, NF, SGS, SASO, NEC