

Commercial Hot Water Heat Pump System

This commercial hot water heat pump provides an efficient solution for large-scale hot water supply in commercial projects. It offers high safety, stability, and energy-saving operation, ensuring a continuous and comfortable hot water supply.



ADDITIONAL IMAGES

INSTALLTION DLAGRAM

Six new upgrades
Think what you want, do what you need

Heating capacity increased by 20%
Circulating heating per hour

Flooding safety
Safety design
Avoid dangerous leaks
Safe and convenient

Add water level control
High, medium and low
Water level control
Water equipment and
Reusable to use

Environmentally friendly
R410A refrigerant
High thermal efficiency
In hot, longer cycle
environment

35°C operable
Low temperature balanced
Water temperature
operable at 35°C

WiFi interconnection
Mobile phone connection
Intelligent interconnection
interface

Overview

High-Efficiency Commercial Hot Water Solution

This commercial hot water heat pump system provides a high-safety, energy-saving solution for large-scale projects requiring 24-hour comfortable hot water. It is ideal for schools, hotels, hospitals, and supermarkets, offering stable performance and significant environmental benefits. The system integrates advanced heat pump technology to deliver a reliable and convenient water supply for large buildings.

Performance Metrics



Heating Performance

36 kW
Rated Heating Capacity

4 W/W
COP

-30 °C
Min Operating Temp

Technical Specifications

Model	YINI-100S-RS
Heating Mode	Circulating + Direct heat
Ambient Temperature Range	-15°C to +43°C

Electrical Data

Power Supply	380V 3N~50Hz
Max Running Current	19.5 A
Ingress Protection	IPX4

Advanced Features

Six new upgrades
Think what you want, do what you need

- Heating capacity increased by 20L**
Circulating heating per hour
- Fluorine valve hidden design**
Avoid transport shocks
Safe and convenient
- Add water level control**
High, medium and low water level control
Water is convenient and reasonable to use
- Environmentally friendly R410 refrigerant**
High thermal efficiency in low temperature environment
- 30°C operable**
Low temperature Enhanced Vapor Injection machine can operate at -30°C
- WIFI interconnection**
Mobile phone/computer intelligent interconnection control host

Titanium evaporator has higher heat exchange efficiency
Using titanium evaporator, the heat exchange rate is faster
Higher heating and heat exchange efficiency, more stable indoor temperature

System Upgrades

- Low-temperature Enhanced Vapor Injection (EVI) technology
- High-precision electronic expansion valve (500-level control)
- High-efficiency internal thread casing heat exchanger
- Titanium evaporator for faster heat exchange
- WIFI interconnection for remote intelligent control
- Hidden fluorine valve design for transport safety

Refrigerant

R410 (Environmentally Friendly)

Control & Management

Rigorous process and strong performance

Intelligent control board
All control programs can be controlled by the heat pump

High-precision electronic expansion valve
Realize 500-level high-precision control, stable operation

High efficiency casing heat exchanger
Internal thread casing heat exchanger, efficient heat exchange effect

Control operation instructions

Labels for control panel:
 compressor, water pump, hot water mode, fan lock, wind speed class, water level display, outlet temperature, water tank temperature, clock setting, parameter setting, temperature setting, lower ON/OFF unlock, parameter query, temperature query.

Control Interface

- Digital display for outlet and tank temperatures
- Multi-level water level control (High/Medium/Low)
- Timing and function settings
- Unit status query and parameter adjustment
- Mobile phone and computer intelligent interconnection

Compliance & Support

Our service



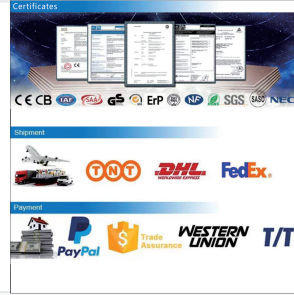
2 years warranty



Free accessories fee



Free remote guide installation



Service & Warranty

- 2 years warranty
- Free accessories included
- Free remote installation guidance

Certifications

CE, CB, RoHS, SGS, ErP, GS, SAA