

Heat Pump Water Heater with External Condenser

This heat pump water heater uses R134A refrigerant for environmentally friendly operation. Its external condenser coil ensures safer and more reliable performance.



ADDITIONAL IMAGES



Overview

High-Efficiency Heat Pump Water Heater

This advanced heat pump water heater utilizes R134A refrigerant to provide an environmentally friendly and energy-efficient solution for domestic hot water needs. Featuring an external condenser coil for enhanced safety and reliability, the unit supports high water temperature outputs up to 75°C. The system is designed for fully automatic operation, including defrosting, sterilization, and MODBUS communication capabilities, making it a robust choice for residential applications.

Performance Metrics

Core Performance

2.5 kW

Heating Capacity

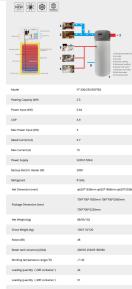
3.9

COP

48 dB

Noise Level

Technical Specifications



System diagram illustrating air inlet, ducting, and water connection points for the YT series heat pump water heater.

Power Requirements

Parameter	Value
Power Supply	220V/1/50Hz
Power Input	0.64 kW
Max Power Input	3 kW
Backup Electric Heater	2000 W
Rated Current	2.7 A
Max Current	15 A

Operating Conditions

- Refrigerant: R134a
- Working Temperature Range: -7°C to 43°C
- Max Water Temperature Output: 75°C

Model Variants

Model Dimensions & Weight

Volume	Net Dimensions (mm)	Net Weight (kg)
200L (55 Gal)	Æ620*1638	88
250L (65 Gal)	Æ620*1868	95
300L (80 Gal)	Æ620*2038	102

Features

Key Features

External Condenser Coil, Enamel Inner Tank, Automatic Defrost, Sterilization Function, MODBUS Communication, High Pressure Protection, Auxiliary Electric Heater