

# 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

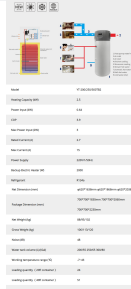
**3.9**

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
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