

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Quality Heating](#) /
- › [Quality Heating 50L Dual Electric Water Heater Instruction Manual](#)

Quality Heating 287388931

Quality Heating 50L Dual Electric Water Heater

Model: 287388931

1. INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Quality Heating 50L Dual Electric Water Heater. Please read these instructions thoroughly before installation and use, and retain them for future reference. Proper installation and adherence to these guidelines will ensure optimal performance and longevity of your water heater.



Image 1: Quality Heating 50L Dual Electric Water Heater, front view.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in electric shock, fire, property damage, personal injury, or death.

- **Professional Installation Required:** Installation, maintenance, and repair must be performed by a qualified and licensed professional in accordance with all local and national codes and regulations.
- **Electrical Safety:** Ensure the power supply matches the voltage requirements (230 Volts AC). The appliance must be properly grounded. Do not operate with damaged cords or plugs.
- **Water Pressure:** A safety valve is included and must be installed to prevent excessive pressure buildup. Regularly check the safety valve for proper operation.
- **Temperature Settings:** Hot water can cause severe burns. Set the temperature to a safe level, typically between 40-50°C (104-122°F) to prevent scalding, especially in households with children or elderly individuals.
- **Water Leaks:** Inspect the unit regularly for any signs of water leaks. Immediately disconnect power and water supply if a leak is detected.
- **Ventilation:** Ensure adequate ventilation around the water heater. Do not block any vents.
- **Children and Pets:** Keep children and pets away from the water heater, especially during operation.



Image 2: Internal structure illustrating advanced multi-layer safety protection, including aluminum casing, enamel coating, magnesium anode, outer insulation, steel tank, and thermal protection.

3. PRODUCT OVERVIEW

The Quality Heating 50L Dual Electric Water Heater is designed for efficient and reliable hot water supply. It features digital control for precise temperature management and incorporates multiple safety features.

Key Features:

- **Capacity:** 50 Liters
- **Power:** 1500 Watts
- **Digital Control:** For accurate temperature setting and monitoring.

- **Safety Valve:** Included for overpressure protection.
- **Energy Efficiency:** Class A rating, with 40mm insulation to minimize heat loss.
- **Durable Construction:** Features a multi-layer design including a steel tank, enamel coating, and magnesium anode for corrosion protection and extended lifespan.
- **Multiple Protection Levels:** Includes overheat protection, dry-run protection, overpressure protection, corrosion protection, electrical protection, and thermostat control.



Image 3: The water heater displaying its Energy Class A rating and CE certification, indicating high efficiency and compliance with European standards.

4. SETUP AND INSTALLATION

Installation of this electric water heater requires specialized knowledge and should only be performed by a certified professional. Incorrect installation can lead to serious hazards and void the warranty.

Installation Steps (for qualified professionals):

1. **Location Selection:** Choose a suitable wall-mounted location that can support the weight of the full water heater (approximately 68 kg when full). Ensure adequate space for maintenance and ventilation.
2. **Mounting:** Securely mount the water heater to a sturdy wall using appropriate fasteners. Refer to the provided mounting template for precise hole placement.
3. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Install the included safety valve on the cold water inlet. Ensure all connections are watertight.
4. **Electrical Connection:** Connect the water heater to a dedicated 230V AC power circuit. Ensure proper grounding and install a suitable circuit breaker.
5. **Filling the Tank:** Before powering on, open a hot water faucet in your home to allow air to escape while the tank fills with water. Close the faucet once water flows steadily.
6. **Leak Check:** Inspect all water connections for leaks.



Image 4: Dimensions of the 50L water heater (53 cm width, 28 cm depth, 95 cm height) and an illustration of wall-mounted installation, emphasizing space-saving design.

5. OPERATING INSTRUCTIONS

The water heater features a user-friendly digital control panel for easy operation.

Initial Startup:

1. Ensure the tank is completely filled with water (refer to Section 4).
2. Connect the power supply. The digital display will illuminate.
3. Use the control buttons to set your desired water temperature. The temperature range is typically between 30°C and 75°C.
4. The heater will begin warming the water to the set temperature. The display will show the current water temperature.

Temperature Adjustment:

- Press the '+' or '-' buttons on the control panel to increase or decrease the target temperature.
- The unit will automatically maintain the set temperature.

Digital Display:

- The display shows the current water temperature and selected settings.
- Error codes may appear on the display if a fault is detected. Refer to the Troubleshooting section.



Image 5: User adjusting the digital control panel, demonstrating intelligent control for effortless comfort and temperature selection between 30°C and 75°C.

6. MAINTENANCE

Regular maintenance ensures the efficiency and extends the lifespan of your water heater. All maintenance should be performed by a qualified professional.

- **Anode Rod Inspection/Replacement:** The magnesium anode rod protects the tank from corrosion. It should be inspected annually and replaced every 1-3 years, depending on water quality. The unit features an anode tester with an alarm.
- **Drain and Flush:** Annually drain and flush the tank to remove sediment buildup, which can reduce efficiency and tank life.
- **Safety Valve Check:** Periodically test the temperature and pressure relief (T&P) valve by lifting the lever. Ensure water flows freely and then snaps back into place. If it does not, replace the valve.
- **External Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions.

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem | Possible Cause | Solution |
|--|--|--|
| No hot water or insufficient hot water | <ul style="list-style-type: none"> • No power supply • Thermostat set too low • Heating element failure • Sediment buildup | <ul style="list-style-type: none"> • Check circuit breaker/power connection • Increase temperature setting • Contact a qualified technician for inspection • Drain and flush the tank (professional service) |
| Water is too hot | Thermostat set too high | Decrease temperature setting |
| Leaking water | <ul style="list-style-type: none"> • Loose connections • Faulty T&P valve • Tank corrosion | <ul style="list-style-type: none"> • Tighten connections (professional service) • Replace T&P valve (professional service) • Contact a qualified technician for inspection |
| Unusual noises (e.g., popping, rumbling) | Sediment buildup in tank | Drain and flush the tank (professional service) |
| Error code on display | Internal fault detected | Note the error code and contact customer support or a qualified technician. |

For issues not listed here or if solutions do not resolve the problem, please contact a qualified technician or Quality Heating customer support.

8. SPECIFICATIONS

| Feature | Detail |
|------------------------|---------------------|
| Brand | Quality Heating |
| Model Number | 287388931 |
| Capacity | 50 Liters |
| Power (Output) | 1500 Watts |
| Voltage | 230 Volts (AC) |
| Dimensions (L x W x H) | 53 x 28 x 95 cm |
| Weight (empty) | 18 Kilograms |
| Style | Indoor Installation |

| Feature | Detail |
|-------------------|--|
| Special Features | Digital Control, Safety Valve, Energy Saving (Class A) |
| Insulation | 40mm |
| Country of Origin | China |

9. WARRANTY AND SUPPORT

Your Quality Heating 50L Dual Electric Water Heater comes with a **2-year warranty** (EU-supported). This warranty covers defects in materials and workmanship under normal use and service.

For warranty claims, technical support, or service inquiries, please contact your retailer or the Quality Heating customer service department with your model number and proof of purchase.

Please note that the warranty may be voided by improper installation, unauthorized repairs, or failure to follow the instructions in this manual.