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Aspes AT5000

ASPES AT5000 47L Vertical Electric Water Heater: User Manual

Introduction

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your new ASPES AT5000 47L Vertical Electric Water Heater. Please read this manual thoroughly before installation and use to ensure safe and efficient operation and to prolong the life of your appliance. Keep this manual for future reference.

Safety Information

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

- Ensure the water heater is installed by a qualified professional in accordance with local regulations and codes.
- Do not operate the water heater if it is damaged or malfunctioning. Contact qualified service personnel.
- Always disconnect power to the unit before performing any maintenance or repairs.
- Do not store flammable materials near the water heater.
- Ensure proper grounding of the electrical supply.
- The water heater must be filled with water before switching on the power.
- Regularly inspect the pressure relief valve and ensure it is not blocked.

Product Overview

The ASPES AT5000 is a 47-liter vertical electric water heater designed for domestic hot water supply. It features a 1500W heating element and a C energy efficiency class, providing reliable performance for your household needs. Its compact design allows for vertical wall mounting, making it suitable for various spaces.



Image: Front view of the ASPES AT5000 47L Vertical Electric Water Heater, white in color.

Specifications

Feature	Specification
Brand	Aspes
Model Number	AT5000 (Product ID: 10048542)
Capacity	47 Liters (also referred to as 50 Liters in some specifications)
Heat Output / Power	1500 Watts
Voltage	220 Volts (AC)
Energy Efficiency	Class C
Mounting Type	Vertical Wall Mount

Product Dimensions (L x W x H)	38.5 x 38.5 x 71.5 cm
Material	Plastic
Batteries Required	1 AA (for display/control, if applicable)

Installation

Installation of the ASPES AT5000 electric water heater should only be performed by a qualified and certified technician to ensure safety and compliance with all local regulations.

Installation Steps:

1. **Choose Location:** Select a suitable vertical wall location that can support the full weight of the water heater when filled. Ensure adequate space for maintenance and ventilation.
2. **Mounting:** Securely mount the water heater to the wall using appropriate brackets and fasteners. Ensure it is level and stable.
3. **Water Connection:** Connect the cold water inlet and hot water outlet pipes. Install a pressure relief valve on the cold water inlet line as per local codes. Ensure all connections are watertight.
4. **Filling the Tank:** Before connecting to power, open a hot water tap in your home to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.
5. **Electrical Connection:** Connect the water heater to a dedicated electrical circuit with proper grounding, as specified in the electrical requirements. This step is critical and must be done by a licensed electrician.
6. **Initial Check:** Inspect all connections for leaks and ensure the unit is securely mounted.

Operation

Once the water heater is correctly installed and filled with water, you can begin operation.

Operating Instructions:

1. **Power On:** Switch on the electrical supply to the water heater. The indicator light (if present) should illuminate.
2. **Set Temperature:** Use the temperature control dial or buttons (if digital) to set your desired water temperature. Refer to the unit's specific controls for exact operation. A common temperature setting is between 50°C and 60°C.
3. **Heating Cycle:** The water heater will begin heating the water to the set temperature. This process may take some time depending on the initial water temperature and the capacity of the tank.
4. **Hot Water Usage:** Once the desired temperature is reached, hot water will be available at your taps.
5. **Power Off (if needed):** If you will be away for an extended period, it is recommended to switch off the electrical supply to the water heater to save energy.

Maintenance

Regular maintenance helps ensure the longevity and efficiency of your water heater.

Maintenance Tips:

- **Annual Inspection:** Have a qualified technician inspect the water heater annually.
- **Drain and Flush:** Periodically drain and flush the tank to remove sediment buildup, which can reduce

efficiency and tank life. This should be done at least once a year.

- **Anode Rod Check:** The anode rod protects the tank from corrosion. Have it inspected and replaced by a technician every 1-3 years, or more frequently in areas with hard water.
- **Pressure Relief Valve:** Test the pressure relief valve at least once a year to ensure it is operating correctly. Follow manufacturer instructions for testing.
- **Exterior Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
No hot water	No power, thermostat set too low, tripped breaker, faulty heating element.	Check power supply, adjust thermostat, reset breaker, contact technician.
Insufficient hot water	Thermostat set too low, tank too small for demand, sediment buildup, faulty heating element.	Increase thermostat setting, flush tank, contact technician.
Water too hot	Thermostat set too high.	Lower thermostat setting.
Leaking water	Loose connections, faulty pressure relief valve, tank corrosion.	Tighten connections, replace valve, contact technician for tank inspection.
Strange noises (e.g., popping, rumbling)	Sediment buildup in the tank.	Drain and flush the tank.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact a qualified service technician.

Warranty and Support

The ASPES AT5000 Electric Water Heater comes with a**5-year warranty on the tanks**, covering manufacturing defects under normal use and service. Please retain your proof of purchase for warranty claims.
For technical support, service requests, or further information, please refer to the contact details provided with your purchase or visit the official Aspes website.

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