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> Ariston 80 Liter Electric Water Heater Model 3201532 User Manual

Ariston 3201532

Ariston 80 Liter Electric Water Heater

Model: 3201532

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Ariston 80 Liter Electric Water Heater, Model 3201532. Please read these instructions carefully before using the appliance and retain them for future reference.

SAFETY INFORMATION

Important Safety Instructions:

- Read all instructions before installation and use.
- This appliance must be installed by a qualified technician in accordance with local regulations and standards.
- Ensure the power supply matches the specifications on the rating label.
- Do not operate the water heater if it is damaged or malfunctioning.
- Always disconnect the power supply before performing any maintenance or repairs.
- Do not block or tamper with the pressure relief valve.
- Keep flammable materials away from the water heater.
- Children should be supervised to ensure they do not play with the appliance.
- The water heater is designed for domestic hot water production only.

Failure to follow these instructions may result in property damage, personal injury, or death.

PRODUCT OVERVIEW



Figure 1: Front view of the Ariston 80 Liter Electric Water Heater.

The Ariston 80 Liter Electric Water Heater features advanced WaterPlus technology, which optimizes cold water intake to provide up to 16% more hot water. It includes a magnesium anode for enhanced corrosion protection and a dual safety thermostat for reliable operation. The tank is constructed from high-quality titanium enamel and insulated with strong polyurethane materials to maintain water temperature efficiently. An easy-to-use interface allows for precise temperature control.

SPECIFICATIONS

Feature	Detail
Brand	Ariston
Model Number	3201532
Capacity	80 Liters
Type	Tank Water Heater
Power Source	Electric
Installation Type	Wall Mounted
Color	White
Product Dimensions (W x H x D)	48 cm x 74.8 cm x 48 cm
Item Weight	21 kg
Special Features	WaterPlus Technology, Magnesium Anode, Dual Safety Thermostat, Polyurethane Insulation, Titanium Enamel Tank
Efficiency	High Efficiency

INSTALLATION

Professional Installation Required:

Installation of this electric water heater must be performed by a qualified and licensed professional plumber and electrician. Improper installation can lead to electric shock, fire, property damage, or personal injury.

General Installation Steps (for professional guidance):

- Location Selection:** Choose a suitable wall-mounted location that can support the weight of the water heater when full (approx. 101 kg). Ensure adequate clearance for maintenance.
- Mounting:** Securely mount the water heater to the wall using appropriate fasteners.
- Plumbing Connections:** Connect the cold water inlet and hot water outlet pipes. Install a pressure relief valve (T&P valve) as required by local codes.
- Electrical Connections:** Connect the water heater to a dedicated electrical circuit with proper grounding, following all electrical codes. Ensure the power supply is OFF during this process.
- Filling the Tank:** Before turning on the power, open a hot water faucet to allow air to escape and fill the tank completely with water. Close the faucet once water flows steadily.
- Leak Check:** Inspect all plumbing connections for leaks.
- Power On:** Once the tank is full and all connections are secure, turn on the electrical power supply to the water heater.

Refer to the detailed installation diagrams and instructions provided in the full technical manual for specific plumbing and electrical requirements.

OPERATING INSTRUCTIONS

Initial Startup:

1. Ensure the water heater is properly installed and filled with water.
2. Turn on the electrical power supply to the unit.
3. The water heater will begin heating the water to the factory preset temperature or the last set temperature.

Setting Water Temperature:

The Ariston water heater features an easy-to-use interface for temperature adjustment. Locate the temperature control dial or buttons on the front panel of the unit.

- **Increase Temperature:** Rotate the dial clockwise or press the '+' button.
- **Decrease Temperature:** Rotate the dial counter-clockwise or press the '-' button.

Allow sufficient time for the water to heat up after adjusting the temperature. The heating time will vary based on the desired temperature, incoming water temperature, and ambient conditions.

Recommended Temperature: For energy efficiency and safety, a temperature setting between 49°C (120°F) and 55°C (130°F) is generally recommended. Higher temperatures increase the risk of scalding.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your water heater. Always disconnect power before performing maintenance.

Annual Maintenance (Recommended by a qualified technician):

- **Anode Rod Inspection/Replacement:** The magnesium anode rod protects the tank from corrosion. It should be inspected annually and replaced as needed, especially in areas with hard water.
- **Drain and Flush Tank:** To remove sediment buildup, drain a few liters of water from the tank annually. For thorough cleaning, completely drain and flush the tank.
- **Pressure Relief Valve Test:** Manually test the T&P relief valve by lifting the lever. Water should discharge from the drain pipe. If no water discharges, or if the valve does not reseal properly, replace it immediately.
- **Element and Thermostat Check:** Inspect heating elements and thermostats for proper function and signs of wear.

User Maintenance:

- **Exterior Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners.
- **Visual Inspection:** Periodically check for any signs of leaks, corrosion, or unusual noises.

TROUBLESHOOTING

Before contacting service, review the following common issues and solutions:

Problem	Possible Cause	Solution
No hot water	No power; tripped breaker; faulty thermostat or heating element	Check power supply and circuit breaker. If problem persists, contact a qualified technician.

Problem	Possible Cause	Solution
Insufficient hot water	Temperature set too low; sediment buildup; faulty heating element	Increase temperature setting. Consider draining and flushing the tank. Contact technician if elements are suspected.
Water too hot	Temperature set too high; faulty thermostat	Decrease temperature setting. If problem persists, contact a qualified technician.
Leaking from tank	Loose connections; faulty T&P valve; tank corrosion	Tighten connections. Test/replace T&P valve. If tank corrosion is suspected, replacement may be necessary; contact technician.
Unusual noises (e.g., popping, rumbling)	Sediment buildup in tank	Drain and flush the tank to remove sediment.

For issues not listed or if solutions do not resolve the problem, contact a qualified service technician. Do not attempt complex repairs yourself.

WARRANTY AND SUPPORT

Warranty Information:

This Ariston water heater carries a manufacturer's warranty for 1 year from the date of purchase. Please retain your proof of purchase for warranty claims.

Customer Support:

For maintenance, technical assistance, or warranty inquiries, please contact the manufacturer's authorized service center or your retailer. You may also contact Amazon for further details regarding your purchase.

Please refer to the warranty card included with your product for complete terms and conditions.