USHA Aquerra 10 Litre

USHA Aquerra 10 Litre 5 Star Storage Water Heater

Model: 4687AQ10AX526N

Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your USHA Aquerra 10 Litre 5 Star Storage Water Heater. Please read these instructions carefully before installation and use, and retain them for future reference. This appliance is designed to provide hot water for domestic use.



Image: Front view of the USHA Aquerra 10 Litre Storage Water Heater, showcasing its compact design and control knob.

Safety Instructions

Failure to follow these safety instructions may result in electric shock, fire, property damage, or personal injury. Always ensure the appliance is installed by qualified personnel.

- **Electrical Safety:** Ensure the power supply matches the appliance's rating (230 Volts, 2000 Watts). The water heater must be properly grounded. Do not operate with wet hands.
- **Water Pressure:** The maximum operating pressure is 8 Bars. Ensure your water supply pressure is within this limit.
- **Installation:** Installation must be performed by a certified technician to prevent hazards. Do not attempt to install or repair the unit yourself.
- **Temperature Control:** Avoid setting the temperature too high to prevent scalding.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- **Maintenance:** Disconnect power before any maintenance or cleaning.



Image: Diagram illustrating the 5 safety features of the USHA Aquerra water heater, including Glass Line Enamel Coating Heating Element.

Setup and Installation

1. Unpacking

Carefully remove the water heater from its packaging. Inspect for any damage. Retain packaging for future transport if needed. Included components are: 1 unit Product, Instruction Manual, Warranty Card.

2. Wall Mounting

The USHA Aquerra water heater is designed for wall mounting. Choose a suitable location that can support the weight of the heater when full (approximately 10 kg water + 8.69 kg unit weight = ~18.69 kg). Ensure adequate clearance for maintenance and proper ventilation. The product dimensions are 35.5W x 35.5H Centimeters.



Image: Rear view of the water heater, detailing the back mounting mechanism and clearly labeled inlet (blue) and outlet (red) connections.

3. Plumbing Connections

- Connect the cold water inlet (marked blue) to your main cold water supply.
- Connect the hot water outlet (marked red) to the hot water tap or distribution system.
- Ensure all connections are tight to prevent leaks. Use appropriate sealing materials.
- Install a pressure relief valve if required by local codes.

4. Electrical Connections

- Ensure the power supply is switched off at the main circuit breaker before making any electrical connections.
- Connect the water heater to a dedicated electrical circuit with appropriate fusing or circuit breaker.
- The appliance requires a 230 Volts, 50 Hz AC supply and has a power rating of 2000 Watts.
- Ensure proper grounding is established for safety.

Operating Instructions

1. Filling the Tank

Before switching on the power, open a hot water tap in your home to allow air to escape from the tank. The tank is full when water flows steadily from the hot water tap.

2. Powering On and Temperature Adjustment

Once the tank is full, close the hot water tap and switch on the electrical power supply to the water heater. Use the temperature control knob on the front of the unit to set your desired water temperature. The indicator light will illuminate when heating is active.



Image: Close-up of the USHA Aquerra water heater's control panel, showing the power indicator and temperature adjustment knob.

3. Initial Heating

Allow approximately 15-20 minutes for the 10-litre tank to heat the water to the set temperature. The indicator light will turn off once the desired temperature is reached, and the heater will maintain this temperature automatically.

Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your water heater. Always disconnect the power supply before performing any maintenance.

- **External Cleaning:** Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Anode Rod Inspection:** The anode rod protects the tank from corrosion. It should be inspected and replaced by a qualified technician every 1-2 years, depending on water quality.
- **Descaling:** In areas with hard water, mineral deposits can accumulate on the heating element and inside the tank. Descaling should be performed periodically by a qualified technician to maintain efficiency.
- **Pressure Relief Valve:** Periodically check the pressure relief valve to ensure it is not blocked and functions correctly.

Troubleshooting

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
No hot water	No power supply; thermostat set too low; heating element failure.	Check circuit breaker/fuse; adjust thermostat; contact service for element replacement.
Water not hot enough	Thermostat set too low; excessive hot water usage; mineral buildup.	Increase thermostat setting; allow more recovery time; descale the tank (professional service).
Water leaking from unit	Loose plumbing connections; faulty pressure relief valve; tank corrosion.	Tighten connections; inspect/replace pressure relief valve; contact service for tank inspection.
Unusual noises (e.g., popping, rumbling)	Sediment buildup in the tank.	Drain and flush the tank; professional descaling may be required.

Product Specifications

Brand	USHA
Model Number	4687AQ10AX526N
Capacity	10 Liters
Power Source	Electric
Wattage	2000 Watts
Voltage	230 Volts
Product Dimensions (W x H)	35.5W x 35.5H Centimeters
Item Weight	8690 Grams
Maximum Pressure	8 Bars
Mount Type	Wall
Material Type	Acrylonitrile Butadiene Styrene
Efficiency	5 Star Energy Efficient (High Efficiency)

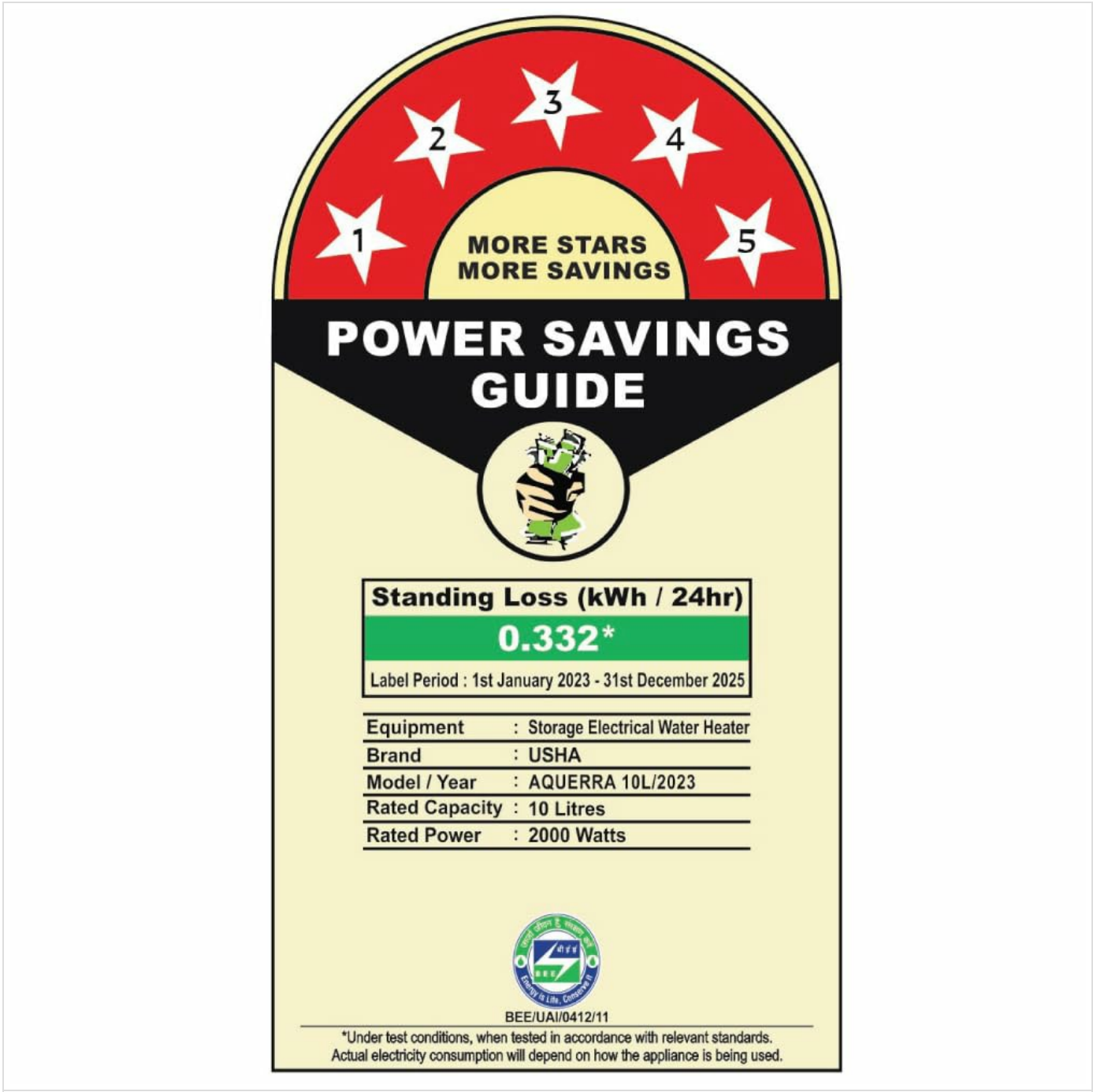


Image: Power Savings Guide label indicating 5-star energy efficiency and standing loss of 0.332 kWh/24hr for the Aquerra 10L model.

Warranty Information

Your USHA Aquerra 10 Litre Storage Water Heater comes with the following manufacturer's warranty:

- **Tank:** 8 years
- **Heating Element:** 3 years
- **Product (overall):** 2 years

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions. For detailed terms and conditions, refer to the warranty card included with your product.

Customer Support

For technical assistance, service requests, or any queries regarding your USHA Aquerra water heater, please contact USHA customer support:

- **Toll-Free Number:** 1800-1033-111
- **Email:** usha_care@usha.com
- **Website:** usha.com

When contacting support, please have your model number (4687AQ10AX526N) and purchase details ready.

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