USHA SWH AQUAGENIE 10L

Usha Aquagenie 10L 2000-Watt 5 Star Storage Water Heater User Manual

1. Introduction

This manual provides essential information for the safe and efficient operation of your Usha Aquagenie 10L 2000-Watt 5 Star Storage Water Heater. Please read these instructions carefully before installation and use, and retain them for future reference. This water heater is designed to provide hot water for domestic use, featuring a compact design, energy efficiency, and multiple safety mechanisms.


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Image 1.1: Usha Aquagenie 10L Storage Water Heater, front view with temperature control dial.

2. Safety Information

Your Usha Aquagenie water heater incorporates several safety features to ensure reliable operation. Adherence to these safety guidelines is crucial for preventing accidents and ensuring product longevity.

2.1 Key Safety Features

- **6 Safety Features:** Protection against high temperature, excessive pressure, and dry heating conditions.
- **ELCB (Earthing Leakage Circuit Breaker):** An integrated device designed to prevent electric shocks by detecting and interrupting electrical current leakages.
- **High Pressure Withstanding Capacity:** Suitable for use in high-rise buildings with varying water pressure.

2.2 General Safety Precautions

- Always ensure the water heater is installed by a qualified technician.
- Do not operate the water heater if it is not filled with water.
- Ensure proper earthing for electrical safety.
- Do not tamper with the safety valve or any other safety device.
- Keep flammable materials away from the water heater.



Image 2.1: ELCB (Earthing Leakage Circuit Breaker) plug, an essential safety component.

3. Product Components

The Usha Aquagenie 10L Storage Water Heater package typically includes the following items:

- 1 x Usha Aquagenie 10L Storage Water Heater Unit
- 1 x User Manual
- Connection Pipes (typically included in the installation kit)
- Mounting Kit (for vertical installation)
- ELCB Plug (Earthing Leakage Circuit Breaker)



Image 3.1: Flexible connection pipes, part of the installation kit.

4. Setup and Installation

Installation of the Usha Aquagenie water heater requires technical expertise. It is strongly recommended to arrange for professional installation to ensure safety and proper functioning. Contact the Usha customer care for free installation services in select cities.

4.1 Pre-Installation Checks

- Ensure the installation location is suitable for vertical mounting and can support the weight of the water heater when full.
- Verify that the electrical supply matches the water heater's requirements (230V, 50Hz, 1 Phase AC).
- Confirm availability of proper water inlet and outlet points.

4.2 Installation Steps (Overview)

1. **Mounting:** Securely mount the water heater vertically on a sturdy wall using the provided mounting kit.
2. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Ensure all connections are watertight.
3. **Safety Valve:** Install the pressure relief valve (safety valve) on the cold water inlet line as per local regulations.
4. **Electrical Connection:** Connect the ELCB plug to a grounded power outlet. Ensure the power supply is off during connection.
5. **Filling the Tank:** Before switching on, 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. Operating Instructions

Once properly installed and filled with water, your Usha Aquagenie water heater is ready for operation.

5.1 Initial Startup

1. Ensure the water heater tank is completely filled with water (refer to Section 4.2, Step 5).
2. Plug the ELCB into a suitable power socket and switch on the power supply.
3. The indicator light on the water heater will illuminate, indicating that heating has commenced.

5.2 Temperature Control

The water heater features a temperature control dial located on the front panel. Rotate the dial to adjust the desired water temperature. For optimal energy efficiency, it is recommended to set the temperature to a comfortable level, avoiding excessively high settings.

5.3 Energy Efficiency

The Usha Aquagenie is a BEE 5-star rated water heater, signifying high energy efficiency. Its Whirlflow technology and Incoloy 800 element contribute to faster water heating, reducing energy consumption.

6. Maintenance

Regular maintenance ensures the longevity and efficient performance of your water heater.

- **Anode Rod:** The heavy-duty magnesium anode rod protects the tank from corrosion. It should be inspected periodically (e.g., annually) by a qualified technician and replaced if significantly depleted.
- **Tank Protection:** The Blue Sapphire Enamel coating on the tank provides protection against rust and hard water effects.
- **Cleaning:** Periodically wipe the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Drainage:** If the water heater is not to be used for an extended period, it is advisable to drain the tank to prevent water stagnation and potential damage. Consult a technician for proper drainage procedures.

7. Troubleshooting

If you encounter issues with your water heater, refer to the following basic troubleshooting steps. For complex problems, contact customer support.

- **No Hot Water:**

- Check if the power supply is on and the ELCB is not tripped.
- Ensure the water heater is filled with water.
- Verify the temperature setting is not at the minimum.

- **Insufficient Hot Water:**
  - Allow sufficient time for the water to heat up.
  - Check if the incoming cold water temperature is unusually low.
- **Water Leakage:**
  - Immediately switch off the power supply and close the water inlet valve.
  - Contact customer service for inspection and repair.
- **Unusual Noise:**
  - Some minor noises during heating are normal. If the noise is loud or persistent, contact customer service.

8. Specifications

Feature	Specification
Brand	USHA
Model Number	SWH AQUAGENIE 10L
Capacity	10 Liters
Wattage	2000 Watts
Voltage	230 V, 50 Hz, 1 Phase AC (Rated), 240 Volts (Operational)
Power Source	Electric
Mounting	Vertical
Rated Water Pressure	8 Bar
Heating Element	Incoloy 800
Tank Material	Blue Sapphire Enamel Coated
Outer Body Material	Acrylonitrile Butadiene Styrene (ABS)
Energy Rating	5 Star BEE Rating



Image 8.1: Guide for selecting water heater capacity based on intended use and family size.

9. Warranty and Support

USHA provides comprehensive warranty coverage and customer support for your Aquagenie water heater.

9.1 Warranty Details

- **Tank:** 8 Years Warranty
- **Heating Element:** 3 Years Warranty
- **Product:** 2 Years Warranty

The warranty covers manufacturing defects under normal use conditions. Please retain your purchase invoice for warranty claims.

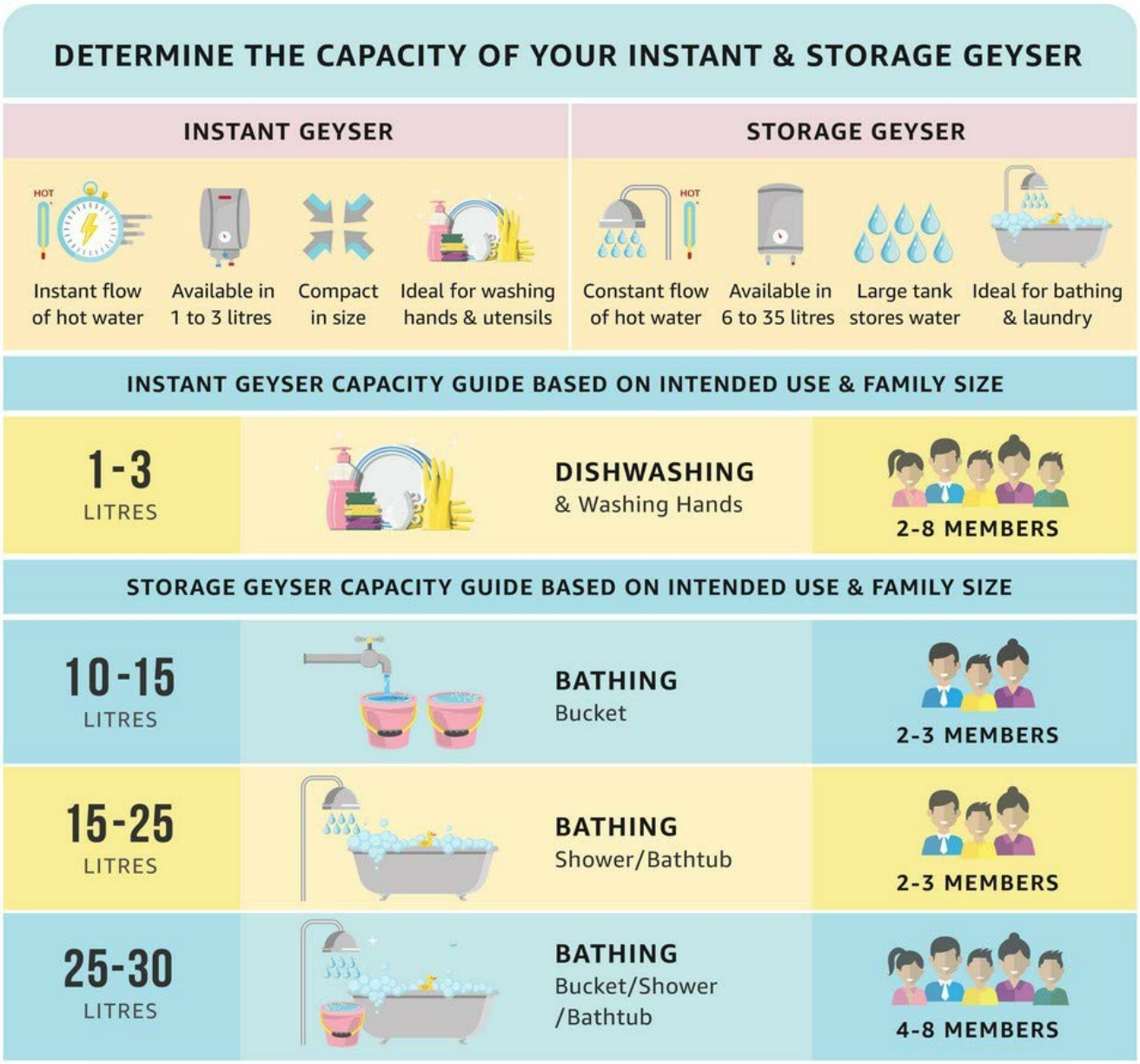


Image 9.1: Warranty information for Usha Storage Water Heaters.

9.2 Customer Support

For installation assistance, service requests, or any product-related queries, please contact USHA customer care:

- **Toll-Free Number:** 1800-1033-111
- **Free Installation:** Available in select cities. Terms and Conditions apply.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question