USHA AQUERRA SMART 15L

USHA SWH AQUERRA SMART 15L Storage Water Heater User Manual

Model: AQUERRA SMART 15L

1. Introduction

This manual provides essential instructions for the safe and efficient operation, installation, and maintenance of your USHA SWH AQUERRA SMART 15L Storage Water Heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. Safety Instructions

Always adhere to the following safety guidelines to prevent injury or damage to the appliance:

- Ensure the water heater is installed by a qualified technician.
- Verify that the electrical supply matches the specifications on the product label.
- Do not operate the water heater if it is damaged or malfunctioning.
- The appliance is equipped with an **ELCB (Earth-Leakage Circuit Breaker)** for electrical safety, protecting against electric shocks and earthing leakages.
- A **Temperature Sensor and Thermal Cut-Off** feature prevents overheating by automatically cutting off power if the water temperature exceeds the set limit.
- Do not block the pressure relief valve.
- Keep flammable materials away from the water heater.



Image: Illustration of the ELCB for electrical safety and the temperature sensor with thermal cut-off feature.

3. What's in the Box

Upon unpacking, ensure all the following components are present:

- USHA SWH AQUERRA SMART 15L Water Heater Unit
- Remote Control
- Instruction Manual (this document)
- Installation Kit (including connection pipes)

4. Setup and Installation

The USHA SWH AQUERRA SMART 15L water heater is designed for wall mounting. For optimal performance and safety, professional installation is highly recommended.

Free Installation Service:

This product includes free installation and connection pipes. To avail of this service, please contact USHA customer care. Refer to the "Customer Support" section for contact details.

Key Installation Considerations:

- **Mounting:** The unit must be securely mounted on a sturdy wall capable of supporting its weight when full.
- **Water Connections:** Ensure proper inlet and outlet connections. The unit features an**IntelliValve for overpressure protection**, which is crucial for safe operation.
- **Electrical Connection:** Connect to a grounded electrical outlet with appropriate voltage (230 Volts AC) and wattage (2000 Watts).



Image: USHA Aquerra Smart water heater highlighting features like IoT connectivity and IntelliValve for overpressure protection.

5. Operating Instructions

Your USHA Aquerra Smart water heater is designed for user-friendly operation with advanced features.

Power On/Off:

Press the power button on the unit or remote control to turn the water heater on or off.

Digital Temperature Setting:

Use the digital display and control buttons to set your desired water temperature. The display shows the current water temperature, allowing precise control.

Smart Features:

- **USHA App Connectivity:** Utilize the USHA App for easy scheduling of operations, monitoring power consumption, and accessing other intelligent features.

- **Preset Timer Mode:** Configure heating schedules remotely via the app or unit controls to ensure hot water is ready when needed.
- **ECO Function:** Activate the ECO mode for power saving, optimizing energy consumption without compromising comfort.
- **Anti-Bacterial Sterilization Technology:** This feature prevents bacterial buildup, ensuring pristine and hygienic hot water.
- **Whirlflow Technology:** Experience faster heating and maximum energy saving due to the innovative Whirlflow design.



Image: Front view of the USHA Aquerra Smart water heater, highlighting its digital display and controls.



Image: Illustration detailing the Anti-Bacterial Sterilization and Whirlflow Technology of the USHA Aquerra Smart water heater.

6. Maintenance

Regular maintenance ensures the longevity and efficiency of your water heater.

- **Tank Protection:** The water heater features a **Glass Line Coating** that protects the inner tank, contributing to a longer product life.
- **Cleaning:** Periodically wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners.
- **Drainage:** For prolonged periods of non-use or before servicing, drain the water heater. Consult a qualified technician for this procedure.
- **Anode Rod Inspection:** Have the anode rod inspected and replaced by a professional annually to prevent corrosion, especially in hard water areas.

7. Troubleshooting

If you encounter issues with your water heater, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No hot water	No power supply; Thermal cut-off activated; Heating element failure.	Check power connection and circuit breaker. If thermal cut-off is active (due to **Dry Heating Protection** or overheating), allow unit to cool or reset. Contact service if element failure is suspected.
Water not hot enough	Temperature setting too low; Insufficient heating time; Sediment buildup.	Increase temperature setting. Allow more time for heating. Consider professional descaling if sediment is suspected.
Leakage from unit	Loose connections; Pressure relief valve discharge; Tank damage.	Tighten connections. If pressure relief valve is discharging excessively, check water pressure. For tank damage, contact service immediately.
Unusual noise	Sediment buildup; Loose components.	Professional descaling may be required. Contact service for inspection.

If the problem persists after attempting these solutions, please contact USHA customer support.

8. Specifications

Feature	Detail
Brand	USHA
Model Number	AQUERRA SMART 15L
Capacity	15 Liters
Power Source	Corded Electric
Product Dimensions (W x H)	40W x 32.7H Centimeters
Wattage	2000 Watts
Voltage	230 Volts (AC)
Efficiency Rating	5 Star
Mount Type	Wall
Maximum Pressure	8 Bars
Item Weight	9000 Grams
Colour	White
Material Type	Acrylonitrile Butadiene Styrene
Special Features	Energy Efficient, Fast Heating, Anti Bacterial Sterilization, Glass Line Coating, Whirlflow Technology, IntelliValve, Dry Heating Protection, ELCB, Digital Temperature Setting, Preset Timer Mode, USHA App Connectivity, ECO Function

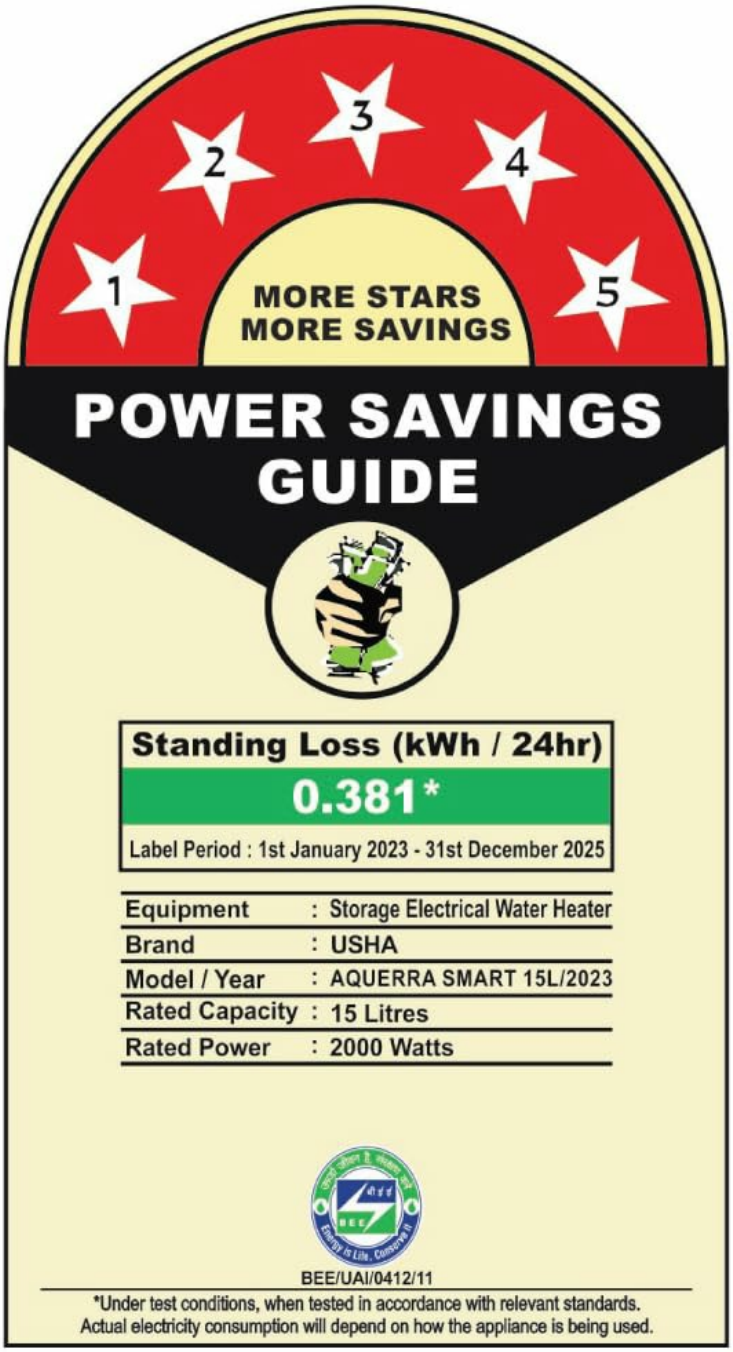


Image: Power Savings Guide label indicating 5-star efficiency and specifications for the USHA Aquerra Smart 15L water heater.

9. Warranty Information

Your USHA SWH AQUERRA SMART 15L Storage Water Heater comes with the following warranty:

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

Please retain your purchase receipt for 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 or contact customer support.



Image: USHA Aquerra Smart water heater displaying its warranty information: 8 years on tank, 3 years on element, 2 years on product.

10. Customer Support

For installation requests, service, or any queries regarding your USHA water heater, please contact:
USHA International Limited
Registered Office: Surya Kiran Building, 19 K.G. Marg, New Delhi-110 001
Toll Free No.: **1800 1033 111**
You can also visit the official USHA website for more information and support resources.

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