Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Bajaj Aerono

Bajaj Shield Series Aerono Instant Water Heater User Manual

Model: Aerono (1 Litre, 3 KW)

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Bajaj Shield Series Aerono Instant Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference.
The Bajaj Shield Series Aerono is designed for instant hot water delivery, featuring a Duracoat Non-stick heating element for extended life and multiple safety systems for user protection.

2. Safety Information

WARNING: Failure to follow these safety instructions may result in electric shock, fire, or serious injury.

- **Professional Installation:** Always ensure the water heater is installed by a qualified technician to prevent electrical hazards and ensure proper functioning.
- **Electrical Connection:** The appliance requires a dedicated electrical circuit with a minimum 16 Ampere Miniature Circuit Breaker (MCB) for safety. Ensure proper grounding.
- **Voltage Protection:** The Bajaj VoltagePro system is designed to withstand voltage surges up to 4.5KW, enhancing durability and safety. However, stable power supply is recommended.
- **Water Pressure:** The inner tank is designed to withstand up to 6 bar pressure. Ensure your water supply pressure is within safe limits.
- **Fire Retardant Cable:** The appliance is equipped with a fire retardant cable for added safety.
- **Shock Resistant Body:** The engineering thermoplastic body is shock resistant and rust proof.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3. Product Features

- **Duracoat Non-stick Heating Element:** Ensures longer life and durability with a 6-year warranty on the heating element.
- **DuraNte Thermostat:** Provides accurate temperature control, durability, and safety.
- **VoltagePro System:** Withstands 4.5KW voltage surges, enhancing product durability and user safety.
- **LED Indicators:** Clearly indicate when the water heater is ready for use, offering convenience.
- **Multiple Safety System:** Integrated safety features for enhanced protection.
- **High Grade SS Tank:** Durable stainless steel inner tank.
- **Shock Resistant & Rust Proof Body:** Engineering thermoplastic body designed for longevity.
- **6 Bar Pressure Rating:** Tank designed to withstand high water pressure.
- **Fire Retardant Cable:** For added electrical safety.

4. Setup and Installation

Installation of the Bajaj Shield Series Aerono Instant Water Heater should only be performed by a certified professional to ensure safety and compliance with local regulations.

4.1. Pre-Installation Checks

- Verify that the electrical supply matches the appliance's requirements (230V AC, 3KW).
- Ensure a 16 Ampere MCB is installed for the water heater circuit.
- Confirm water inlet and outlet connections are accessible and suitable for plumbing.
- Check that the mounting surface is strong enough to support the water heater when full.

4.2. Mounting the Water Heater

Mount the water heater vertically on a sturdy wall using the provided mounting bracket and fasteners. Ensure it is level and securely fixed.



Image 1: Bajaj Shield Series Aerono Instant Water Heater. This image shows the compact design suitable for wall mounting.

4.3. Plumbing Connections

- Connect the cold water inlet to the designated inlet pipe of the water heater.
- Connect the hot water outlet to your hot water supply line.
- Ensure all connections are tight and leak-free. Use appropriate sealing materials.
- Open the cold water supply valve and allow the tank to fill completely. Open a hot water tap to release air from the system until water flows smoothly.

4.4. Electrical Connection

- Connect the water heater's power cord to a properly grounded 16 Ampere electrical outlet.
- Ensure the MCB for the circuit is in the "OFF" position before making connections.
- Once connections are secure, switch the MCB to the "ON" position.

5. Operating Instructions

The Bajaj Shield Series Aerono Instant Water Heater is designed for simple operation.

5.1. Initial Start-up

1. Ensure the water heater is properly installed and filled with water (refer to Section 4).
2. Switch on the electrical supply to the water heater at the main switch/MCB.
3. The LED indicators will illuminate, showing the power status and heating readiness.

5.2. Normal Operation

- Once powered on, the water heater will begin heating water instantly as it flows through.
- The LED indicators will show when the water is being heated and when it reaches the desired temperature.
- For continuous hot water, ensure a steady flow of cold water into the unit. The unit is designed to provide hot water as long as the water flows through it.
- Heating time for the 1-litre capacity is approximately 2 minutes and 10 seconds, depending on the inlet water temperature.

5.3. Shutting Down

To turn off the water heater, simply switch off the electrical supply at the main switch/MCB. It is recommended to turn off the appliance when not in use for extended periods.

6. Maintenance

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

- **Cleaning:** Clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Descaling:** In areas with hard water, mineral deposits can accumulate. It is recommended to have the heating element descaled periodically by a qualified service technician.
- **Inspection:** Periodically check for any signs of leaks, corrosion, or damage to the power cord. If any issues are observed, disconnect power immediately and contact customer support.
- **Professional Service:** For any internal maintenance or repairs, always contact authorized service personnel.

7. Troubleshooting

Before contacting customer support, please refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No hot water / Water not heating	• No power supply. • MCB tripped. • Heating element failure. • Insufficient water flow.	• Check power connection. • Reset the MCB. • Contact service technician. • Ensure adequate water pressure and flow.
Water is not hot enough	• High inlet water temperature. • Excessive water flow rate. • Scaling on heating element.	• Adjust water flow rate. • Reduce water flow rate. • Contact service technician for descaling.
Water leakage	• Loose plumbing connections. • Damaged tank or pipes.	• Tighten connections. • Immediately turn off water supply and power. Contact service technician.
LED indicators not working	• No power. • Faulty indicator.	• Check power supply. • Contact service technician.

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

8. Specifications

Brand	Bajaj
Model Number	Aerono
Capacity	1 Litre
Wattage	3 KW
Power Source	Corded Electric
Maximum Pressure	6 Bars
Mount Type	Wall
Special Features	Rustproof, Shock Resistant, Fire Retardant Cable, LED Indicators
Inner Tank Material	High Grade SS Tank
Included Components	Geyser

9. Warranty and Support

9.1. Warranty Information

The Bajaj Shield Series Aerono Instant Water Heater comes with the following warranty:

- **Heating Element:** 6 Years
- **Inner Tank:** 5 Years
- **Product:** 4 Years

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

9.2. Customer Support

For technical assistance, service requests, or warranty claims, please contact Bajaj customer support. Refer to the contact information provided with your product packaging or visit the official Bajaj website.
Always ensure that any service or repair work is carried out by authorized Bajaj service personnel to maintain warranty validity and ensure safety.

© 2024 Bajaj. All rights reserved. This manual is for informational purposes only.

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

Open the live page

https://manuals.plus/asin/B0CM95WXY4

More documents and user manuals: **https://manuals.plus/**