Bajaj 150953

Bajaj Shield Series New Shakti 25L Storage Water Heater

Model: 150953

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Bajaj Shield Series New Shakti 25L Storage Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference. This water heater is designed to provide hot water for domestic use, featuring a 25-liter capacity, 5-star energy rating, and advanced safety features.



Figure 1.1: Bajaj Shield Series New Shakti 25L Storage Water Heater.

2. Safety Information

Your safety and the safety of others are paramount. Please observe all safety precautions outlined in this manual. Failure to do so may result in injury or damage to the appliance.

- **Professional Installation:** Installation must be performed by a qualified technician in accordance with local regulations and this manual. Improper installation can lead to electric shock, fire, or water leakage.
- **Electrical Safety:** Ensure the power supply matches the appliance's requirements (2000 Watts). Do not use extension cords. The appliance features VoltagePro™ technology for 4.5KV surge protection.
- **Water Pressure:** This water heater is suitable for high-rise buildings, designed to withstand up to 8 bar pressure. Ensure your water supply pressure is within acceptable limits.
- **Child Safety Mode:** The water heater includes a Child Safety Mode which sets the cut-off temperature at 50°C to prevent accidental scalding.
- **Maintenance:** Disconnect power before any maintenance or cleaning. Do not attempt to repair the appliance yourself. Contact authorized service personnel.
- **Ventilation:** Ensure adequate ventilation around the appliance as specified in the installation guidelines.

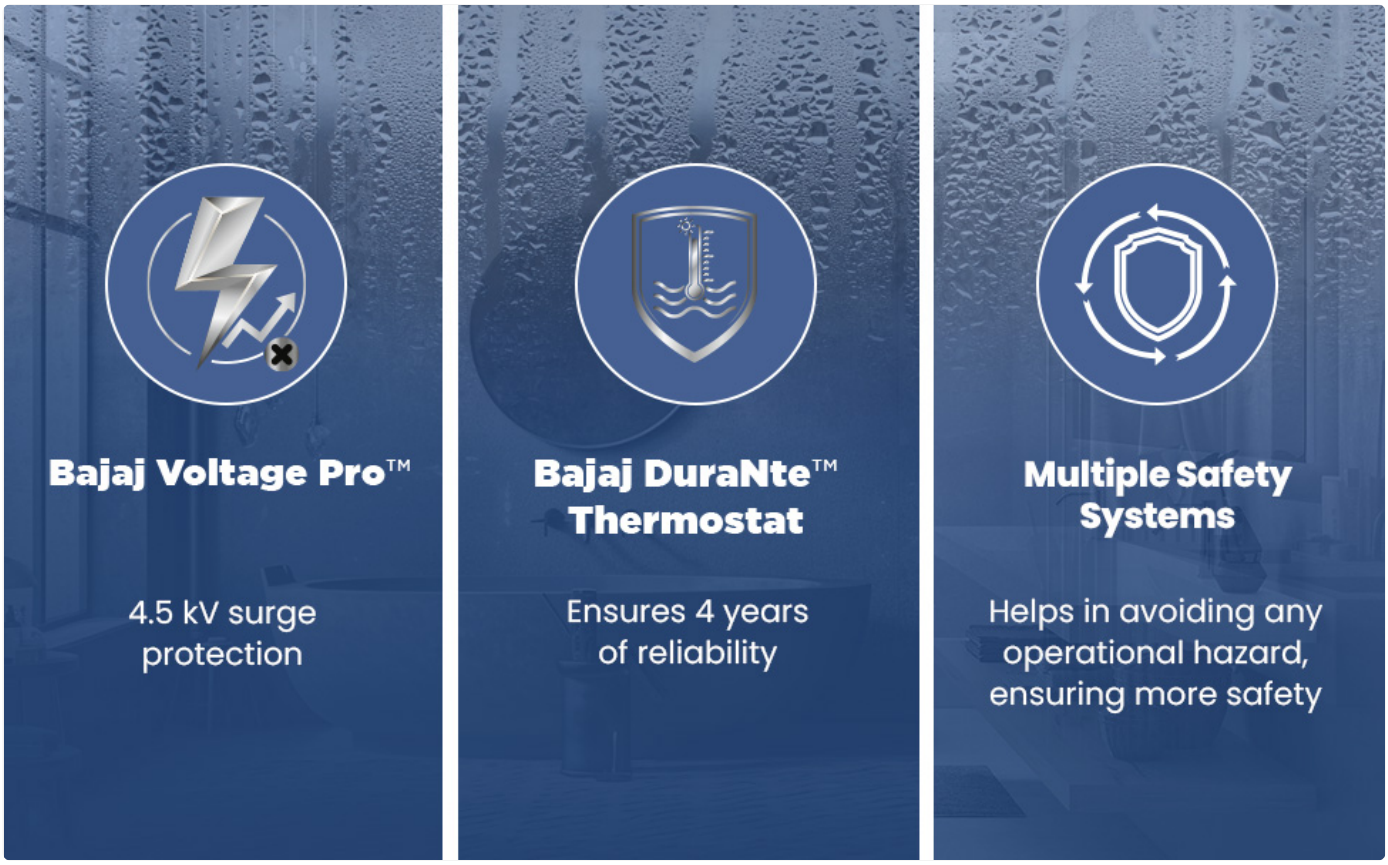


Figure 2.1: Key safety features of the water heater.

3. Included Components

Carefully unpack the box and ensure all components are present and undamaged. If any items are missing or damaged, contact your retailer immediately.

- 1N: Bajaj Shield Series New Shakti 25L Storage Electric Water Heater
- 1N: Multi Function Valve
- 2N: Anchor Fastener Bolts
- 1N: Instruction Manual (this document)
- 1N: Warranty Card



Figure 3.1: Water heater unit and accessories as received in packaging.

4. Setup & Installation

Installation of the Bajaj Shield Series New Shakti 25L Storage Water Heater requires specialized knowledge and should only be carried out by a certified professional. Incorrect installation can void your warranty and pose significant safety risks.

4.1 Site Selection

- Choose a wall-mounted location that is structurally sound and can support the weight of the water heater when full (approximately 25 kg + 14 kg = 39 kg).
- Ensure the location is protected from freezing temperatures and direct sunlight.
- Allow sufficient clearance around the unit for maintenance and air circulation.

4.2 Mounting the Unit

- Use the provided anchor fastener bolts to securely mount the water heater to the wall.

- Refer to the detailed mounting template (if provided separately) for precise drilling locations.

4.3 Plumbing Connections

- Connect the cold water inlet and hot water outlet pipes.
- Install the Multi Function Valve on the cold water inlet as per local plumbing codes. This valve is crucial for safety and proper operation.
- Ensure all connections are watertight to prevent leaks.

4.4 Electrical Connection

- Connect the water heater to a dedicated electrical circuit with appropriate earthing.
- Verify that the voltage and current ratings of the circuit match the appliance's requirements (2000 Watts).

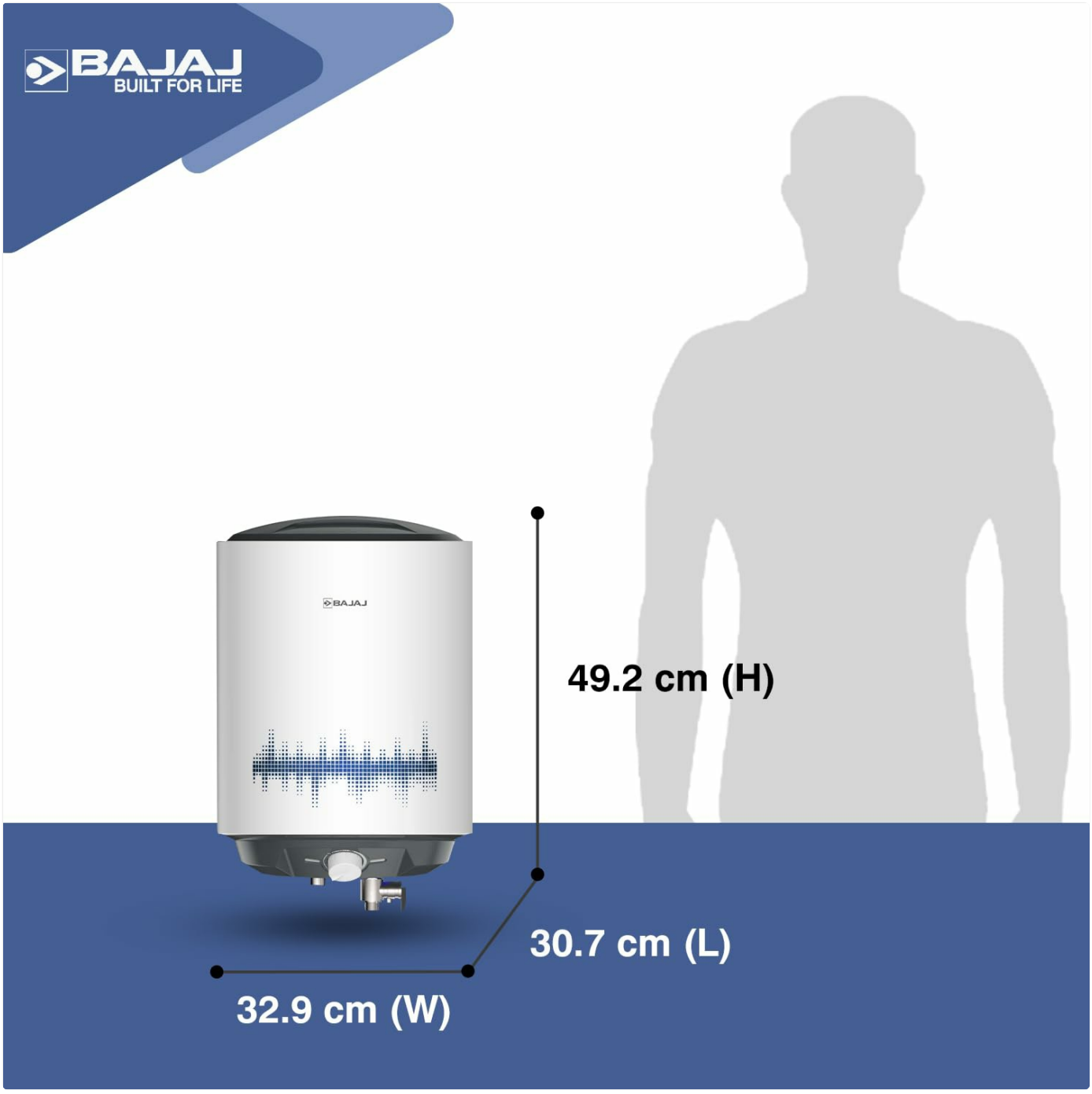


Figure 4.1: Product dimensions for installation planning.

5. Operating Instructions

Once installed by a professional, operating your water heater is straightforward.

5.1 Initial Startup

1. Ensure the water heater tank is completely filled with water before switching on the power. Open a hot water tap in your home to allow air to escape and water to fill the tank. Close the tap once water flows steadily.
2. Connect the power cord to a suitable electrical outlet.
3. Turn on the main power supply to the water heater.

5.2 Temperature Control

The water heater is equipped with a DuraNte™ thermostat for precise temperature adjustment. Use the control knob located at the bottom of the unit to set your desired water temperature. The LED indicators will show the heating status.

5.3 Child Safety Mode

For enhanced safety, especially in households with children, the Child Safety Mode automatically limits the maximum water temperature to 50°C. This helps prevent accidental scalding. Consult your installer or the service center for details on activating/deactivating this mode if it's not controlled by the main thermostat.

5.4 Swirlflow Technology

The integrated Swirlflow technology optimizes water mixing within the tank, ensuring a more efficient heating process and delivering up to 20% more hot water output compared to conventional designs.

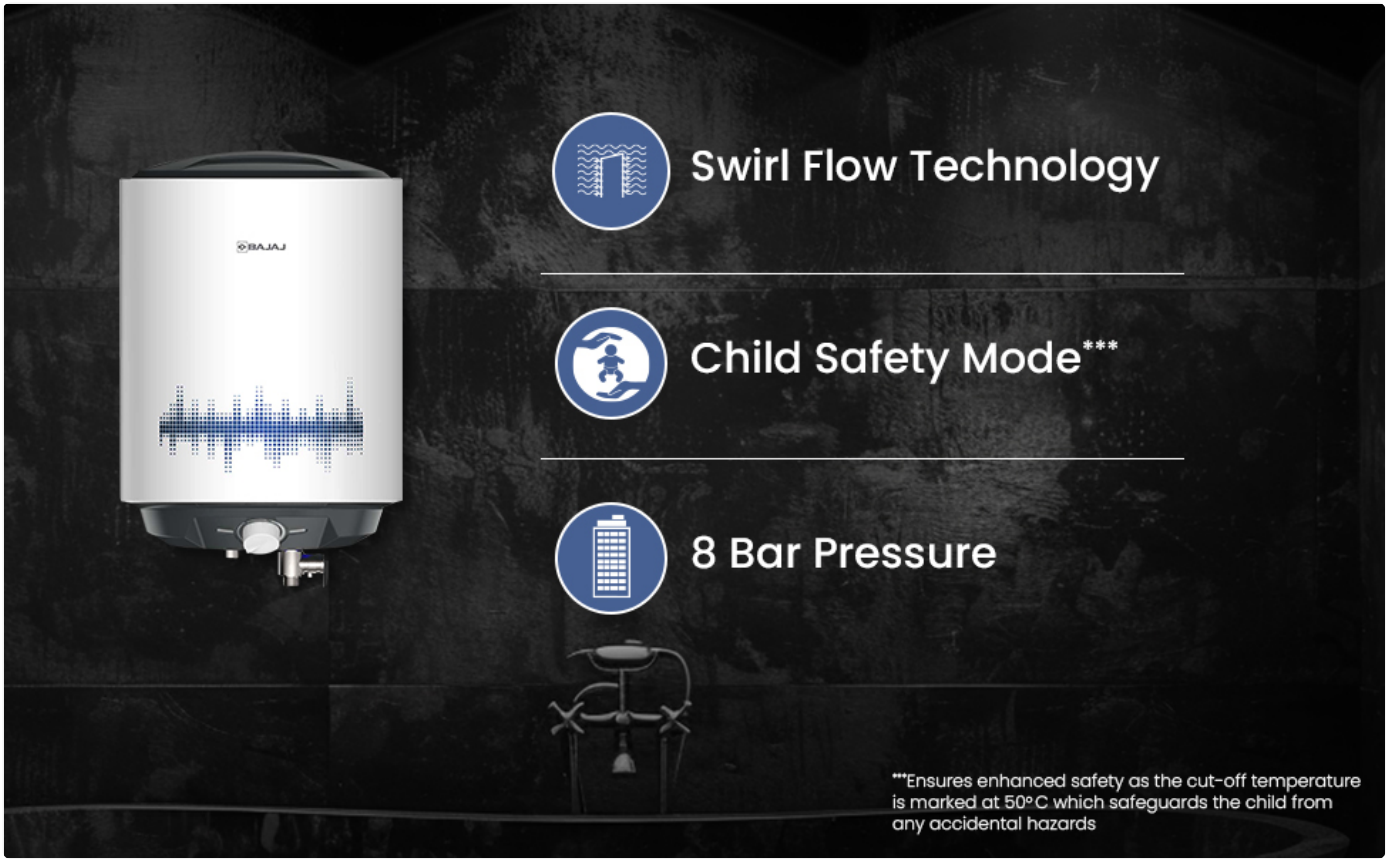


Figure 5.1: Operational features and safety modes.

6. Maintenance

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

- **Tank Durability:** The DuraAce™ tank features a marine-grade glassline coating for enhanced durability and corrosion

resistance. This coating helps protect the inner tank from hard water effects.

- **Heating Element:** The DuraCoat™ non-stick heating element is designed for efficient performance and reduced scale buildup, making it easier to maintain.
- **Anode Rod:** The magnesium anode rod helps prevent corrosion inside the tank. It should be inspected and replaced periodically by a qualified technician, typically every 1-2 years depending on water quality.
- **Cleaning:** Wipe the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Annual Inspection:** It is recommended to have your water heater inspected annually by an authorized service technician to check for sediment buildup, anode rod condition, and overall operational integrity.



Figure 6.1: Internal components designed for durability and easy maintenance.

7. Troubleshooting

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

Problem	Possible Cause	Solution
No hot water or insufficient hot water.	◦ No power supply. ◦ Thermostat set too low. ◦ Heating element failure. ◦ Sediment buildup.	◦ Check power connection and circuit breaker. ◦ Adjust thermostat to a higher setting. ◦ Contact service for inspection and replacement. ◦ Schedule professional descaling.
Water leaking from the unit.	◦ Loose plumbing connections. ◦ Pressure relief valve discharge. ◦ Tank corrosion.	◦ Tighten connections (ensure power is off and water supply is shut off). ◦ This is normal if pressure is too high; ensure proper drainage. If continuous, contact service. ◦ Contact service immediately.

Problem	Possible Cause	Solution
Strange noises from the water heater.	◦ Sediment buildup. ◦ Heating element issues.	◦ Schedule professional descaling. ◦ Contact service for inspection.

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

8. Specifications

Feature	Detail
Brand	Bajaj
Model Number	150953
Capacity	25 litres
Power Source	Corded Electric
Wattage	2000 Watts
Voltage	4.5 Volts (Note: This value from source data seems unusually low for a water heater. Please refer to product label for actual operating voltage, typically 230V AC.)
Maximum Pressure	8 Bars
Mount Type	Wall
Tank Material	Metal with DuraAce™ marine-grade glassline coating
Heating Element	DuraCoat™ non-stick heating element
Thermostat	DuraNte™ thermostat
Safety Features	VoltagePro™ (4.5KV surge protection), Child Safety Mode, Multiple Safety Systems, Magnesium Anode, LED indicators, Fire Retardant Cable
Efficiency	5-Star Rated, High Efficiency (Swirlflow technology)
Item Weight	14000 Grams (14 kg)
Dimensions (approx.)	49.2 cm (H) x 32.9 cm (W) x 30.7 cm (L)

9. Warranty & Support

Your Bajaj Shield Series New Shakti 25L Storage Water Heater comes with a **4-year warranty** from Bajaj. Please refer to the

included Warranty Card for detailed terms and conditions.
For any service, support, or warranty claims, please contact Bajaj Electricals Limited customer service.
Manufacturer Contact Information:
Bajaj Electricals Limited, # 45/47 Veer Nariman Road, Mumbai - 40001, Maharashtra
Always provide your model number (150953) and purchase details when contacting support.

© 2023 Bajaj Electricals Limited. All rights reserved.

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