Bajaj 150976

Bajaj Shield Series Crest Plus 15L Water Heater Instruction Manual

Model: 150976

1. Important Safety Instructions

Please read all instructions carefully before installing or using this water heater. Retain this manual for future reference.

- **Electrical Safety:** Ensure the water heater is connected to a properly grounded electrical outlet. Do not use extension cords. The unit is equipped with a fire retardant cable and a 16A plug.
- **Professional Installation:** Installation should only be performed by a qualified technician to ensure proper setup and safety.
- **Water Pressure:** This water heater is designed to withstand up to 8 bar pressure, making it suitable for high-rise buildings. Ensure your water supply pressure is within this limit.
- **Temperature Control:** Use the thermostat knob to set the desired water temperature. Avoid excessively high temperatures to prevent scalding.
- **Child Safety:** Utilize the integrated Child Safety Mode to prevent accidental temperature adjustments or operation by children.
- **Maintenance:** Regular maintenance is crucial for safe and efficient operation. Refer to the maintenance section for details.
- **Shock Resistant Body:** The engineering thermoplastic body is designed to be shock resistant.

2. Product Overview

The Bajaj Shield Series Crest Plus 15L Water Heater is designed for efficient and safe hot water supply in your home. Key features include:

- **Bajaj DuraAce™ Tank:** Features a marine-grade glassline coating to prevent corrosion and ensure durability.

- **Bajaj Duracoat™ Non-stick Heating Element:** Provides endurance against corrosion and rusting, especially from hard water.
- **Bajaj DuraNte™ Thermostat:** Ensures reliable temperature control and extended product life.
- **Bajaj VoltagePro™:** Offers 4.5 KV surge protection, safeguarding the unit from voltage fluctuations.
- **Multiple Safety System:** Integrated safety features to maximize user safety and minimize hazards.
- **BEE 5 Star Rating:** Indicates high energy efficiency, leading to lower electricity consumption.
- **Swirlflow Technology:** Enhances heating efficiency.
- **Magnesium Anode:** Provides additional protection against corrosion.



Image: Bajaj Shield Series Crest Plus Water Heater, highlighting its sleek design and suitability for modern bathrooms.



Image: Illustration detailing the Bajaj DuraAce™ Tank with marine-grade glassline coating and the Bajaj DuraCoat™ non-stick heating element, both designed for corrosion prevention.

3. Installation

For optimal performance and safety, professional installation is highly recommended.

3.1 Pre-Installation Checks

- Verify that the installation location is suitable for wall mounting and can support the weight of the water heater when full.
- Ensure adequate space for maintenance and ventilation around the unit.
- Confirm that the electrical supply matches the requirements specified on the product label.
- Check water inlet pressure. The unit is designed for up to 8 bar.

3.2 Mounting the Water Heater

1. Mark the drilling points on the wall according to the mounting bracket dimensions.
2. Drill holes and insert appropriate wall plugs.
3. Securely fasten the mounting bracket to the wall.
4. Carefully lift and hang the water heater onto the bracket, ensuring it is stable and level.

3.3 Plumbing Connections

- Connect the cold water inlet to the designated port using the provided plastic couplers.
- Connect the hot water outlet to your household plumbing.
- Install the Multi-Function Safety Valve (MFSV) as per local regulations and manufacturer guidelines.
- Ensure all connections are tight and leak-free.

3.4 Electrical Connection

- Connect the fire retardant cable with the 16A plug to a dedicated, grounded electrical outlet.
- Do not use adapters or extension cords.



Image: Front view of the Bajaj Shield Series Crest Plus 15L Water Heater, showing its compact design suitable for wall mounting.

4. Operating Instructions

4.1 Initial Startup

1. Before switching on, ensure the water heater tank is completely filled with water. Open a hot water tap in your home until water flows freely, indicating the tank is full and air has been purged.
2. Plug the water heater into the electrical outlet.
3. The 'Power On' indicator light will illuminate.

4.2 Setting Temperature

- Use the thermostat knob located on the unit to adjust the desired water temperature.
- Turn the knob clockwise to increase temperature and counter-clockwise to decrease.
- The 'Heating Function' indicator light will illuminate when the water heater is actively heating. It will turn off once the set temperature is reached.

4.3 Child Safety Mode

- Refer to the specific instructions on the unit or a separate quick start guide for activating and deactivating the Child Safety Mode. This feature prevents unintended temperature changes.



Image: Visual representation of Bajaj Voltage Pro™ for surge protection and Bajaj DuraNte™ Thermostat for reliable temperature control, along with multiple safety systems.

5. Maintenance

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

- **Cleaning:** Periodically wipe the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Anode Rod Inspection:** The Magnesium Anode rod helps protect the tank from corrosion. It should be inspected and replaced periodically by a qualified technician, typically every 1-2 years, depending on water quality.
- **Drainage:** If the water heater is to be unused for an extended period or if there is a risk of freezing, drain the tank completely. Consult a technician for proper drainage procedures.
- **Safety Valve Check:** Periodically check the Multi-Function Safety Valve (MFSV) to ensure it is not blocked and is functioning correctly. Follow manufacturer guidelines for this check.
- **Professional Servicing:** It is recommended to have the water heater professionally serviced at least once a year to check all components and ensure optimal performance.



Image: Highlighting the shock-resistant and rust-proof engineering thermoplastic body, along with the fire retardant cable with a 16A plug for enhanced safety.

6. Troubleshooting

Before contacting customer service, 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 power connection and circuit breaker Adjust thermostat to a higher setting Contact qualified technician
Water not hot enough	Thermostat set too low Inadequate heating time Sediment buildup	Increase thermostat setting Allow more time for heating Contact qualified technician for descaling
Water leaking	Loose plumbing connections Faulty MFSV Tank leakage	Tighten connections Inspect and replace MFSV if necessary Immediately turn off power and water supply, contact technician
Unusual noise	Sediment buildup Loose components	Contact qualified technician for descaling Contact qualified technician for inspection

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

7. Specifications

Feature	Specification

Feature	Specification
Brand	Bajaj
Model Number	150976
Capacity	15 Liters
Power Source	Corded Electric
Product Dimensions (W x H)	36.5W x 49.5H Centimeters
Colour	White & Grey
Efficiency	5 star BEE rating
Maximum Pressure	8 Bars
Mount Type	Wall
Item Weight	8300 Grams
Material Type	Copper (Heating Element)
Included Components	1N: Water Heater, 1N: MFSV, 2N: Plastic Coupler, 1N: Instruction manual, 1N: Warranty Card

8. Warranty and Support

8.1 Warranty Information

This product comes with a standard manufacturer's warranty. Please refer to the included Warranty Card for detailed terms and conditions, including warranty period and coverage.

Extended warranty options may be available for purchase:

- Onsitego 1 Year Extended Warranty
- Onsitego 2 Year Extended Warranty

Contact your retailer or visit the Bajaj website for more information on extended warranty plans.

8.2 Customer Support

For any queries, technical assistance, or service requests, please contact Bajaj customer support.

Manufacturer: M/s Indus Appliances Pvt Ltd

Manufacturer Contact Information: M/s Indus Appliances Pvt Ltd

Please have your model number (150976) and purchase details ready when contacting support.