Bajaj 150975

Bajaj Shield Series Crest Plus 10L Water Heater User Manual

Model: 150975

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Bajaj Shield Series Crest Plus 10L Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference.

The Bajaj Shield Series Crest Plus water heater is designed for durability and performance, featuring a Marine Grade Glassline Coated Bajaj DuraAce™ Tank, a Non-stick Bajaj DuraCoat™ Heating Element, and a Bajaj DuraNte™ Thermostat. It also incorporates Bajaj VoltagePro™ for surge protection and multiple safety systems.

2. Safety Instructions

- **Electrical Safety:** Ensure the water heater is connected to a properly grounded electrical outlet. The appliance is equipped with a fire retardant cable and a 16A plug. Do not use extension cords.
- **Installation:** Installation should only be performed by a qualified technician to ensure proper functioning and safety. Incorrect installation can lead to electric shock, fire, or other hazards.
- **Water Pressure:** The tank is designed to withstand up to 8 bars of pressure, making it suitable for high-rise buildings. Ensure your water supply pressure is within acceptable limits.
- **Water Temperature:** The thermostat knob allows temperature adjustment. Exercise caution to prevent scalding, especially when children or individuals with reduced physical capabilities are present.
- **Child Safety:** This appliance features a Child Safety Mode. Always supervise children to ensure they do not play with the appliance.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.
- **Leakage:** If you notice any water leakage, immediately turn off the power supply to the water heater and contact customer support.

3. Package Contents

Upon unpacking, please verify that all the following components are present:

- 1N: Bajaj Shield Series Crest Plus Water Heater

- 1N: Instruction Manual
- 1N: MFSV (Multi-Function Safety Valve)
- 1N: Warranty Card
- 2N: Plastic Couplers

4. Setup and Installation

The Bajaj Shield Series Crest Plus water heater is designed for wall mounting. For optimal performance and safety, professional installation is strongly recommended.

4.1. Mounting Location

- Choose a sturdy wall capable of supporting the full weight of the water heater when filled with water (approximately 17.3 kg for 10L capacity).
- Ensure adequate clearance around the unit for maintenance and ventilation.
- Install the unit in a location protected from freezing temperatures.

4.2. Water Connections

- Connect the cold water inlet to the blue marked pipe and the hot water outlet to the red marked pipe.
- Install the Multi-Function Safety Valve (MFSV) on the cold water inlet pipe as per the instructions provided with the valve.
- Use the provided plastic couplers for secure connections.

4.3. Electrical Connection

- Ensure the main power supply is off before making any electrical connections.
- Plug the water heater's fire retardant cable with 16A plug into a dedicated, grounded 16A electrical socket.
- Verify that the voltage and frequency of your electrical supply match the specifications of the water heater.

4.4. Initial Filling

- Before switching on the power, open a hot water tap in your bathroom to allow air to escape from the tank.
- Turn on the cold water supply to the water heater.
- Wait until water flows steadily from the hot water tap, indicating the tank is full. Close the hot water tap.



Figure 1: Bajaj Shield Series Crest Plus Water Heater installed in a bathroom setting.

5. Operating Instructions

5.1. Powering On

- After ensuring the tank is full of water (as per Section 4.4), switch on the main power supply to the water heater.
- The 'Power On' indicator light will illuminate.

5.2. Setting Temperature

- Use the thermostat knob located at the bottom of the unit to set your desired water temperature.
- The 'Heating Function' indicator light will illuminate when the water heater is actively heating the water. It will turn off once the set temperature is reached.



Figure 2: Thermostat knob and indicator lights for temperature control and heating status.

5.3. Child Safety Mode

Refer to the specific instructions provided with your unit for activating and deactivating the Child Safety Mode, if applicable, to prevent accidental temperature changes.

6. Maintenance

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

6.1. Exterior Cleaning

- Wipe the exterior of the water heater with a soft, damp cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the engineering thermoplastic body.

6.2. Anode Rod Inspection

The water heater is equipped with a Magnesium Anode, which helps protect the tank from corrosion. It is recommended to

have the anode rod inspected and replaced by a qualified technician every 1-2 years, depending on water quality, to prolong the life of the tank.

6.3. Draining the Tank (If Required)

If the water heater needs to be drained for extended periods of non-use or servicing, follow these steps:

- Turn off the power supply to the water heater.
- Turn off the cold water supply valve to the water heater.
- Open a hot water tap in your bathroom to relieve pressure.
- Connect a hose to the drain valve (if present, typically at the bottom of the unit) and direct it to a suitable drain.
- Open the drain valve to allow the water to empty from the tank.



Figure 3: Internal components like the DuraAce™ Tank and DuraCoat™ Heating Element, designed for corrosion resistance.

7. Troubleshooting

Before contacting customer support, please review the following common issues and solutions:

- **No Hot Water:**
  - Check if the power supply is on and the 'Power On' indicator is lit.
  - Ensure the thermostat knob is set to a desired temperature.
  - Verify that the water supply valve to the heater is open.
- **Insufficient Hot Water:**
  - The set temperature might be too low. Adjust the thermostat to a higher setting.
  - Excessive hot water usage may deplete the tank faster than it can reheat. Allow time for reheating.
- **Water Leakage:**
  - Immediately turn off the power supply and the cold water inlet valve.
  - Inspect connections for loose fittings. If the leak persists, contact customer support.
- **Unusual Noises:**
  - Minor expansion and contraction noises are normal during heating.
  - Loud or persistent noises may indicate sediment buildup or other issues. Contact a qualified technician.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact Bajaj customer support.



Figure 4: Key safety and reliability features including Bajaj VoltagePro™ (4.5 kV surge protection) and Bajaj DuraNte™ Thermostat.

8. Specifications

Brand	Bajaj
Model Number	150975
Capacity	10 Liters
Power Source	Corded Electric
Product Dimensions (W x H)	30.5 cm x 47 cm
Colour	White & Grey
Efficiency	5 Star BEE Rating
Maximum Pressure	8 Bars
Mount Type	Wall
Item Weight	7300 Grams
Body Material	Shock resistant & rust proof Engineering Thermoplastic
Heating Element	Bajaj DuraCoat™ Non-Stick Coated Copper
Tank Material	Bajaj DuraAce™ Tank with Marine Grade Glass Line Coated MS



Figure 5: Features such as the shock-resistant and rust-proof engineering thermoplastic body and fire retardant cable with 16A plug for enhanced safety.

9. Warranty Information

Your Bajaj Shield Series Crest Plus 10L Water Heater comes with the following warranty:

- **Tank:** 7 Years
- **Heating Element:** 6 Years
- **Product:** 2 Years

Please retain your purchase receipt and warranty card for any warranty claims. The warranty covers manufacturing defects under normal use conditions. For detailed terms and conditions, refer to the warranty card included in your package.

10. Customer Support

For any queries, assistance, or service requests regarding your Bajaj water heater, please contact the manufacturer:

- **Manufacturer:** M/s Indus Appliances Pvt Ltd
- **Contact Information:** Refer to the contact details provided on your warranty card or the official Bajaj website for the most current support information.

When contacting support, please have your model number (150975) and purchase details ready.