

Crompton Regera

Crompton Regera 10 Liter Storage Water Heater Instruction Manual

Model: Regera (10 Liter Capacity)

1. PRODUCT OVERVIEW

The Crompton Regera 10 Liter Storage Water Heater is designed to provide efficient and reliable hot water for your daily needs. It features a 2000W high-performance heating element for quick heating, a glassline-coated tank for corrosion resistance, and a 3-level safety system for secure operation. This unit is suitable for high-rise apartments due to its 8 Bar pressure resistance.



REGERA DLX
PREMIUM STORAGE WATER HEATER

AVAILABLE IN 6L, 10L, 15L, 25L

 Designed for Hard Water upto 2000ppm*	 Rust Proof Metal Body
 Advanced 3 Level Safety	 Temperature Control Knob
 Smart Shield Corrosion Protection	 8 Bar Pressure

KEY FEATURES

-  Anti-Scale Technology
-  Robust Glassline Coating
-  Smart Energy Management

WARRANTY

-  8 YEARS TANK
-  4 YEARS HEATING ELEMENT
-  2 YEARS PRODUCT



*Tested under standard lab conditions

Key Features:

- **Advanced Anti-Scale Heating Element:** Minimizes scale formation for faster heating and extended product life.
- **Superior Glassline Coated Tank:** Protects against corrosion and scaling.
- **8 Bar Pressure Resistance:** Suitable for high-rise buildings.
- **Advanced 3-Level Safety Protection:** Guards against overheating, excess pressure, and dry heating.
- **Smart Shield Corrosion Protection:** Enhances performance and lifespan.
- **Rust-Proof Body:** Durable outer body for long-lasting protection.
- **Multi-Functional Safety Valve:** Regulates internal pressure for safe operation.

2. SAFETY INSTRUCTIONS

Read all safety instructions carefully before installing or operating the water heater. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Electrical Safety:** Ensure the water heater is connected to a properly grounded electrical outlet. Do not use extension cords. Disconnect power before any maintenance or repair.
- **Water Pressure:** The unit is designed for up to 8 Bar pressure. Do not operate if water pressure exceeds this limit without appropriate pressure reducing valves.
- **Installation:** Installation must be performed by a qualified technician in accordance with local codes and this manual.
- **Temperature:** Hot water can cause severe burns. Exercise caution when using hot water.
- **Ventilation:** Ensure adequate ventilation around the unit.
- **Children and Pets:** Keep children and pets away from the water heater, especially during operation.
- **Leakage:** Regularly inspect for any signs of water leakage. If a leak is detected, turn off the water supply and electricity immediately and contact customer support.

3. INSTALLATION

It is highly recommended that the installation of this water heater be carried out by a qualified and certified professional to ensure safety and proper functioning.

Included Components:

Before beginning installation, verify that all components are present:

- Water Heater Unit
- 1 Set Connection Pipes
- Plug Tops
- Fasteners for wall mounting
- Multi-Functional Valve (MFV)
- Instruction Manual (this document)
- Warranty Card

Installation Steps:

1. **Site Selection:** Choose a suitable wall location that can support the weight of the water heater when full. Ensure it is close to water supply lines and an electrical outlet.
2. **Wall Mounting:** Use the provided fasteners to securely mount the water heater to the wall. Ensure the unit is level.

3. **Water Connections:** Connect the inlet (cold water) and outlet (hot water) pipes to the corresponding ports on the water heater. The Multi-Functional Valve (MFV) should be installed on the cold water inlet line as per local plumbing codes. Ensure all connections are watertight.
4. **Electrical Connection:** Connect the water heater to a dedicated, grounded electrical circuit using the provided plug tops. Ensure the voltage matches the unit's requirements (230 Volts).
5. **Filling the Tank:** Before powering on, open a hot water faucet in your home to allow air to escape while the tank fills with water. Close the faucet once water flows steadily.



Image 2: Internal view illustrating the heating element and glassline-coated tank.

4. OPERATING INSTRUCTIONS

Once installed and filled with water, the Crompton Regera water heater is ready for operation.

Initial Startup:

1. Ensure the tank is completely filled with water (refer to Installation Step 5).
2. Plug the water heater into the grounded electrical outlet.
3. The unit will begin heating the water. The digital temperature display (if available on your model) will show the current water temperature.

Temperature Control:

The water heater features a temperature control knob to adjust the desired hot water temperature.

- Rotate the knob clockwise to increase the temperature and counter-clockwise to decrease it.
- The maximum temperature setting is 75 degrees Celsius.
- Adjust the temperature to your comfort level, keeping energy efficiency and safety in mind.



Image 3: Detail of the temperature control knob for adjusting heat levels.

Safety Features During Operation:

The Regera water heater incorporates an Advanced 3-Level Safety Protection system to ensure safe operation:

- **Thermal Cut-out:** Automatically shuts off power if water temperature exceeds safe limits.
- **Pressure Release Valve:** The Multi-Functional Valve (MFV) releases excess pressure if it builds up inside the tank.
- **Dry Heating Protection:** Prevents the heating element from operating without water in the tank, protecting it from damage.

5. MAINTENANCE

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

Routine Checks:

- **External Cleaning:** Wipe the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Leak Inspection:** Periodically check all water connections and the unit's body for any signs of leaks. Address any leaks immediately.
- **MFV Operation:** Once a year, manually operate the Multi-Functional Valve (MFV) by lifting the lever to ensure it is not clogged and functions correctly. Water will discharge, so ensure proper drainage.

Internal Maintenance (Recommended Annually by Professional):

- **Draining the Tank:** For long periods of non-use or for internal cleaning, the tank can be drained. Turn off power and water supply, then open the drain valve at the bottom of the unit.
- **Descaling:** Although the unit has an Advanced Anti-Scale Heating Element and a Glassline Coated Tank, mineral deposits can still accumulate over time, especially in hard water areas. A professional can inspect and descale the heating element and tank if necessary.



Image 4: Visual representation of the superior glassline coated tank for enhanced durability.

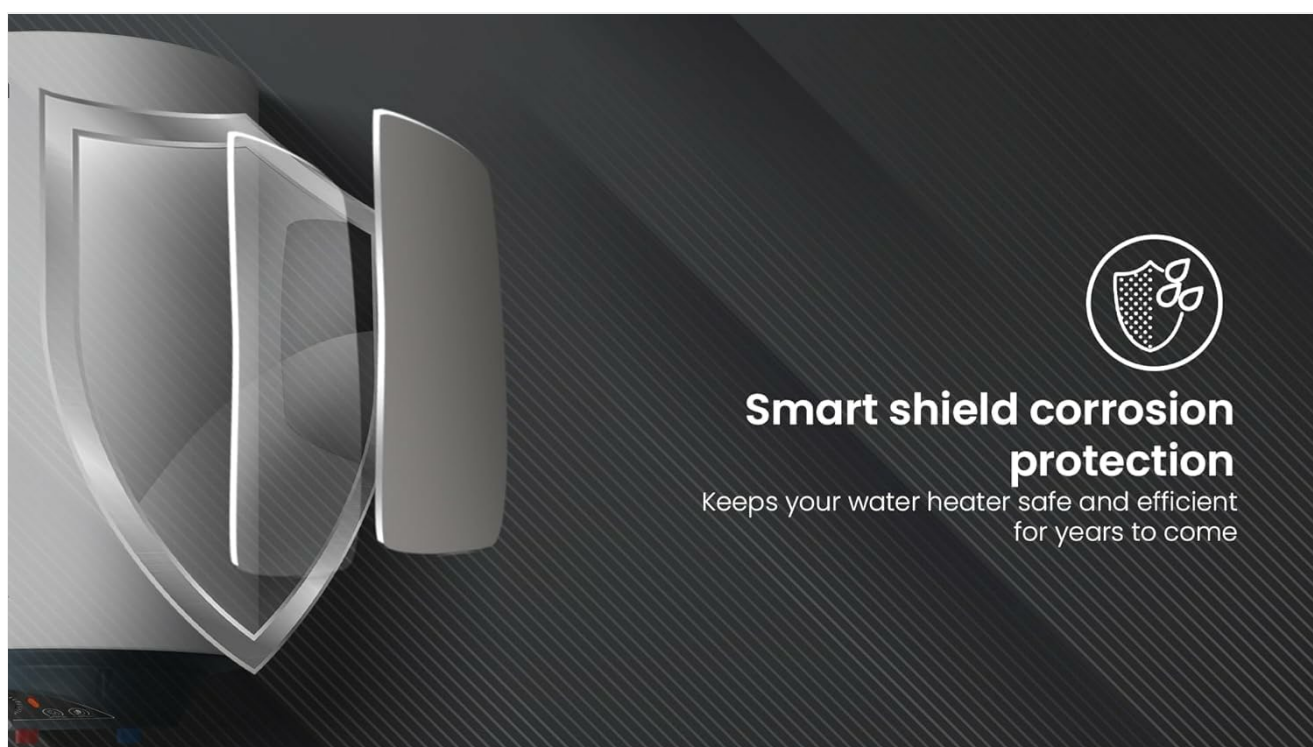


Image 5: Diagram illustrating the Smart Shield corrosion protection technology.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here or if solutions do not resolve the issue, contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No hot water	No power; Thermal cut-out tripped; Heating element failure	Check power supply/breaker; Reset thermal cut-out (if accessible and safe); Contact service for element replacement.
Insufficient hot water	Temperature setting too low; Tank size inadequate; Excessive hot water usage; Scale buildup	Increase temperature setting; Reduce hot water usage; Consider professional descaling.
Water too hot	Temperature setting too high	Decrease temperature setting using the control knob.
Water leakage	Loose connections; Faulty MFV; Tank corrosion	Tighten connections; Inspect/replace MFV; Contact service for tank inspection.
Unusual noises (e.g., popping, rumbling)	Sediment buildup in tank	Professional descaling and flushing of the tank is recommended.

7. SPECIFICATIONS

Technical specifications for the Crompton Regera 10 Liter Storage Water Heater.

Feature	Specification
Brand	Crompton
Model Number	Regera (ASWH-3810)
Capacity	10 Liters
Power Source	Corded Electric
Wattage	2000 Watts
Voltage	230 Volts
Maximum Temperature	75 Degrees Celsius
Maximum Pressure	8 Bar
Mount Type	Wall
Product Dimensions (W x H)	35.1W x 420H Centimeters
Item Weight	4500 Grams
Special Feature	Digital Temperature Display
Material Type	Metal
Colour	White

8. WARRANTY AND CUSTOMER SUPPORT

Crompton provides comprehensive warranty coverage for your peace of mind.

Warranty Details:

- **Tank:** 8 Years Warranty
- **Heating Element:** 4 Years Warranty
- **Product:** 2 Years Warranty

Please refer to your warranty card for specific terms and conditions.



Image 6: Energy rating and warranty information for the Crompton Regera water heater.

Customer Support:

For any queries, service requests, or technical assistance, please contact Crompton customer care:

- **Customer Care No.:** +91 9228880505

- **Manufacturer:** Crompton Greaves Consumer Electricals Limited