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› Crompton Rapid Jet 3-Litre Instant Water Heater User Manual (Model AIWH-3LRPIDJT3KW5Y)

Crompton AIWH-3LRPIDJT3KW5Y

Crompton Rapid Jet 3-Litre Instant Water Heater User Manual

Model: AIWH-3LRPIDJT3KW5Y

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Crompton Rapid Jet 3-Litre Instant Water Heater. Please read these instructions carefully before use and retain them for future reference.



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Figure 1: Front view of the Crompton Rapid Jet 3-Litre Instant Water Heater.

IMPORTANT SAFETY INFORMATION

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

- Ensure the water heater is installed by a qualified technician in accordance with local regulations.
- Do not operate the water heater if the power cord or plug is damaged.
- Always disconnect power before performing any maintenance or cleaning.
- This appliance is designed for heating water only. Do not use it for other liquids.
- Ensure proper grounding to prevent electrical hazards.
- Do not block the pressure relief valve.

- Keep children away from the appliance during operation.



Figure 2: The water heater installed in a bathroom, demonstrating its compact design.

PRODUCT OVERVIEW AND COMPONENTS

The Crompton Rapid Jet 3-Litre Instant Water Heater is designed for quick and efficient hot water delivery. Key components include:

- **Outer Body:** Durable plastic casing.
- **Heating Element:** ISI marked nickel coated special element for resistance against scale formation.
- **Thermostat:** Capillary thermostat for temperature control.
- **Thermal Cut-out:** Automatic safety feature to prevent overheating.
- **Pressure Release Valve (PRV):** Essential safety device to release excess pressure.
- **Fusible Plug:** Additional safety mechanism.
- **Anti-Siphon Protection:** Prevents backflow of water and dry heating damage.
- **Indicator Lights:** For power and heating status.



Figure 3: Diagram illustrating the Anti-Siphon Protection feature, which prevents water backflow and dry heating damage.

SETUP AND INSTALLATION

Installation should only be performed by a qualified professional. Ensure all local plumbing and electrical codes are met.

Pre-Installation Checks:

- Verify that the electrical supply matches the appliance's requirements (3000W).
- Ensure adequate water pressure (up to 6.5 bars).
- Select a suitable wall-mounting location, away from direct water splashes.

Installation Steps:

1. **Mounting:** Securely mount the water heater to a sturdy wall using appropriate fasteners.
2. **Water Connections:** Connect the cold water inlet and hot water outlet pipes. Ensure all connections are watertight. Connection pipes are typically purchased separately.
3. **Electrical Connection:** Connect the appliance to a dedicated, grounded electrical circuit.
4. **Filling the Tank:** Before switching on, open a hot water tap to allow the tank to fill completely and air to escape. Close the tap once water flows steadily.



Figure 4: Side view of the water heater, indicating connection points for water supply.

OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation:

1. **Power On:** Ensure the water heater is filled with water (as per installation step 4). Switch on the main power supply to the appliance.
2. **Heating Indicator:** The heating indicator light will illuminate, signifying that the water is being heated.
3. **Hot Water Ready:** Once the water reaches the set temperature (up to 75°C), the heating indicator light will turn off. The water is now ready for use.
4. **Using Hot Water:** Open the hot water tap. The instant water heater will continuously heat water as it flows through.
5. **Power Off:** After use, switch off the power supply to the water heater.

Note: For optimal performance, avoid using the instant water heater for filling large volumes like bathtubs, as it is designed for quick, smaller quantities of hot water.

MAINTENANCE AND CARE

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

- **Cleaning:** Disconnect power before cleaning. Wipe the exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Descaling:** In areas with hard water, scale formation can occur. Periodic descaling by a qualified technician may be necessary to maintain heating efficiency.
- **Pressure Relief Valve Check:** Periodically check the pressure relief valve for any blockages. Do not attempt to tamper with it.
- **Annual Inspection:** It is recommended to have the water heater inspected by a qualified service technician annually.

TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No hot water / Water not heating	No power supply Thermal cut-out activated Heating element failure	Check power switch and circuit breaker. Contact service technician for reset/inspection. Contact service technician for replacement.
Water is lukewarm	Low water flow rate Scale build-up on element	Ensure adequate water pressure. Contact service technician for descaling.
Water leakage	Loose connections Faulty pressure relief valve Tank damage	Tighten connections (ensure power is off). Contact service technician. Contact service technician.

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Crompton
Model Number	AIWH-3LRPIDJT3KW5Y
Capacity	3 Liters
Wattage	3000 Watts
Power Source	Corded Electric
Maximum Pressure	6.5 Bars
Maximum Temperature	75 Degrees Celsius
Product Dimensions (W x H)	18.5W x 36H Centimeters
Item Weight	2500 Grams
Material Type	Plastic
Mount Type	Wall
Included Components	Water heater



Figure 5: Visual representation of key product specifications.

WARRANTY AND CUSTOMER SUPPORT

Your Crompton Rapid Jet 3-Litre Instant Water Heater comes with a manufacturer's warranty:

- **Tank:** 5 Years
- **Heating Element:** 2 Years
- **Product:** 2 Years

The warranty is provided by the manufacturer from the date of purchase.

For service, support, or warranty claims, please contact Crompton customer care:

Manufacturer: Crompton Greaves Consumer Electricals Limited

Address: Equinox Business Park, 1st Floor, Tower 3, LBS Marg, Kurla (W), Mumbai 400070, Maharashtra, India

Phone: +91 22 6167 8499

Please have your model number (AIWH-3LRPIDJT3KW5Y) and purchase details ready when contacting support.