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Crompton AIMR-B1A

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Crompton 1000W Immersion Rod

MODEL: AIMR-B1A USER MANUAL

Introduction

Thank you for choosing the Crompton 1000W Immersion Rod, Model AIMR-B1A. This manual provides essential information for the safe and efficient use, installation, and maintenance of your immersion water heater. Please read these instructions carefully before operating the appliance and retain them for future reference.

The Crompton Immersion Rod is designed for heating water in buckets or containers, offering a convenient solution for your hot water needs. It features a 1000W heating element for efficient performance and a shock-proof handle for user safety.

Important Safety Instructions

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

- Always ensure the immersion rod is fully submerged in water up to the minimum immersion mark before plugging it into a power outlet. Operating the rod dry will cause damage and is a fire hazard.
- Do not touch the heating element or the water while the immersion rod is plugged in and operating.
- Always unplug the immersion rod from the power outlet before removing it from the water or touching the water.

- Keep the appliance out of reach of children and individuals with reduced physical, sensory, or mental capabilities.
- Inspect the power cord and the immersion rod for any damage before each use. Do not use if the cord or appliance is damaged.
- Use only with a properly grounded electrical outlet. Do not use extension cords unless absolutely necessary and ensure they are rated for the appliance's wattage.
- Do not immerse the handle or the electrical cord in water.
- Ensure the bucket or container used is stable, non-flammable, and can withstand high temperatures.
- Do not use the immersion rod for heating liquids other than water.
- After use, allow the heating element to cool completely before cleaning or storing.

Product Features

- **1000W Powerful Heating Element:** Delivers efficient heating.
- **100% Shock-Proof Bakelite Handle:** Ensures safe operation and prevents electric shocks.
- **Nickel-Plated Anti-Corrosive Coating:** Protects against rust and extends the heater's life, even in hard water conditions.
- **Bucket Hook with Water Level Indicator:** Allows secure placement and indicates minimum water level for safe operation.
- **Neon Light Indicator:** Illuminates when the rod is powered on, providing a visual safety cue.

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Package Contents

The package contains the following item:

- 1 x Crompton Immersion Rod (Model AIMR-B1A)

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Setup

1. Select a suitable, stable, and heat-resistant bucket or container.
2. Fill the container with water to the desired level. Ensure the water level is above the minimum immersion mark indicated on the rod and below the handle.

3. Place the immersion rod into the water, using the bucket hook to secure it to the rim of the container. Ensure the heating element is fully submerged.
4. Verify that your power outlet matches the voltage requirements of the immersion rod (230V AC).



Image: Crompton 1000W Immersion Rod (AIMR-B1A) properly placed in a water-filled bucket.



Operating Instructions

1. After ensuring the rod is correctly submerged (as per Setup), plug the power cord into a suitable electrical outlet.
2. The neon light indicator on the handle will illuminate, signifying that the rod is powered on and heating has commenced.
3. Allow the water to heat to your desired temperature. Heating time will vary based on water volume and initial temperature.
4. Once the water is heated, **first unplug the immersion rod from the power outlet.**
5. Carefully remove the immersion rod from the water using the handle. Avoid touching the hot heating element.
6. Place the hot rod on a heat-resistant surface to cool down.

Maintenance

- **Cleaning:** After each use, ensure the rod is unplugged and completely cool. Wipe the heating element with a soft, damp cloth to remove any mineral deposits or residue. Do not use abrasive cleaners or scourers.
- **Descaling:** In areas with hard water, mineral deposits (limescale) may accumulate on the heating element. To descale, you can gently wipe the cooled element with a cloth dampened with a mild descaling solution (e.g., vinegar diluted with water), then rinse thoroughly with clean water. Ensure no liquid enters the handle.
- **Storage:** Store the immersion rod in a dry, safe place, away from moisture and out of reach of children. Ensure the cord is not tightly wound or kinked.
- The nickel-plated anti-corrosive coating helps protect the element, but regular cleaning is recommended to maintain efficiency and lifespan.

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Troubleshooting

Problem	Possible Cause	Solution
Immersion rod not heating / Neon indicator off	No power to the outlet; Rod not plugged in correctly; Faulty power outlet; Internal fault.	Check if the power outlet is working (test with another appliance). Ensure the plug is fully inserted. If the problem persists, contact customer support.
Water heating too slowly	Large volume of water; Low initial water temperature; Mineral deposits on heating element.	Reduce water volume. Clean the heating element to remove limescale buildup (refer to Maintenance section).

Problem	Possible Cause	Solution
Burning smell or sparks	Rod operated dry; Internal electrical fault; Damage to the element or wiring.	Immediately unplug the rod. Do not use the appliance. Contact customer support for assistance. This indicates a serious safety hazard.

Specifications

Model Number	AIMR-B1A
Brand	Crompton
Wattage	1000 Watts
Voltage	230 Volts (AC)
Material	Plastic (Handle), Nickel-plated element
Item Length	34 Centimetres
Item Weight	480 Grams
Country of Origin	India

Warranty and Support

This Crompton Immersion Rod comes with a **2-year warranty** from the date of purchase. Please retain your purchase receipt as proof of warranty.

The warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accident, unauthorized modification, or failure to follow the instructions in this manual.

For warranty claims, technical support, or service inquiries, please contact Crompton customer service. Contact details can typically be found on the product packaging or the official Crompton website.

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Manufacturer: Crompton Greaves Consumer Electricals Limited

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