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› BPL Instant Water Heater Model BIWHBLAZE3L3KW User Manual

BPL BIWHBLAZE3L3KW

BPL Instant Water Heater Model BIWHBLAZE3L3KW User Manual

Your guide to safe and efficient operation

1. INTRODUCTION

Welcome to the user manual for your BPL Instant Water Heater, Model BIWHBLAZE3L3KW. This appliance is designed to provide hot water efficiently and safely. Please read this manual thoroughly before installation and operation to ensure proper use and maintenance.

Key Features:

- **Instant Hot Water:** Provides hot water on demand, eliminating the need for storage tanks.
- **Advanced 3-Level Safety System:** Ensures protection against overheating, dry heating, and leakage.
- **Variable Pressure Compatibility:** Designed to operate seamlessly with varying water pressure conditions.
- **Durable Construction:** Features a 304-grade stainless steel inner tank for long-lasting performance.
- **Efficient Heating:** Equipped with a powerful 3000W copper heating element for rapid water heating.

2. IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this water heater. Failure to follow these instructions may result in electric shock, fire, or property damage. Keep this manual for future reference.

- Ensure proper grounding of the appliance.
- Do not operate the water heater if the power cord or plug is damaged.
- Installation must be performed by a qualified electrician and plumber in accordance with all local codes and regulations.
- Do not block or tamper with the pressure relief valve.
- Keep flammable materials, such as gasoline or other vapors and liquids, away from the water heater.
- Always disconnect power to the unit before performing any maintenance or servicing.
- This appliance is designed for indoor use only.
- Do not allow children to operate the water heater without supervision.

3. PRODUCT OVERVIEW AND COMPONENTS

Familiarize yourself with the parts of your BPL Instant Water Heater.



Figure 1: Front View. This image shows the front panel of the BPL Instant Water Heater, featuring its sleek white design and the BPL brand logo.



Figure 2: Rear View with Connections. This image displays the back of the water heater, highlighting the mounting points, the power cable, and the water inlet (blue) and outlet (red) connections at the bottom.



Figure 3: Water Connections. A detailed view of the water inlet (blue valve) and outlet (red valve) connections, crucial for plumbing installation.



Figure 4: Hot Water Outlet. A close-up of the red-marked hot water outlet connection.

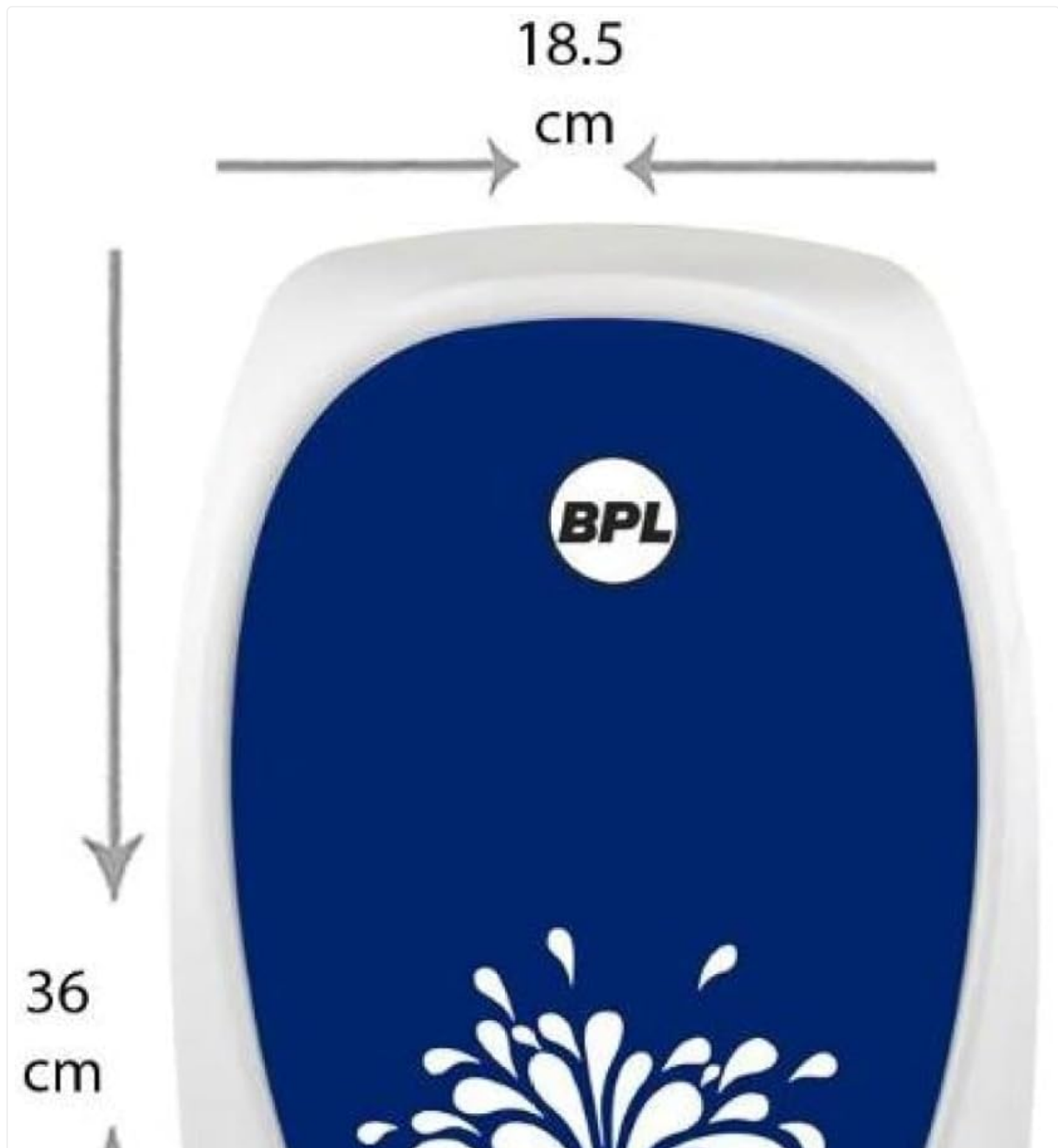




Figure 5: Product Dimensions. This diagram illustrates the physical dimensions of the water heater, indicating a width of 18.5 cm and a height of 36 cm.

4. SETUP AND INSTALLATION

Warning: Installation must be performed by a qualified electrician and plumber in accordance with local codes and regulations. Incorrect installation can lead to electric shock, fire, or water damage.

4.1 Unpacking

Carefully remove the water heater and all included accessories from the packaging. Inspect the unit for any signs of damage. If damage is found, do not proceed with installation and contact customer support.

4.2 Mounting the Heater

1. Select a suitable wall location. The wall must be sturdy enough to support the heater's weight when full of water. Ensure adequate clearance for maintenance.
2. Mark the drilling points on the wall using the provided mounting template or by measuring the keyholes on the back of the unit.
3. Drill holes at the marked points and insert appropriate wall plugs (if not already present).
4. Secure the mounting screws into the wall plugs, leaving a small gap for the heater to hang.
5. Carefully hang the water heater onto the secured screws, ensuring it is level and stable.

4.3 Plumbing Connections

1. Connect the cold water supply line to the blue-marked inlet valve at the bottom of the heater.
2. Connect the hot water outlet line to the red-marked outlet valve.
3. Ensure all plumbing connections are tight and leak-free. Use appropriate sealing tape or compound.
4. Open the cold water supply valve and allow the heater to fill completely. To purge air from the system, open a hot water tap in your home until water flows smoothly and continuously, indicating the heater is full.

4.4 Electrical Connection

1. Ensure the main power supply to the installation area is OFF at the circuit breaker.
2. Connect the water heater's power cord to a properly grounded electrical outlet. The heater requires a 3000W power supply.
3. Verify that the voltage and current ratings of your household electrical supply match the requirements of the water heater (refer to specifications).
4. Once connections are secure, restore power at the circuit breaker.

5. OPERATING YOUR WATER HEATER

5.1 Initial Start-up

1. Ensure the water heater is completely filled with water before switching on the power (refer to Plumbing Connections). Operating an empty heater will cause damage.
2. Switch on the main power supply to the water heater.
3. The indicator light on the unit will illuminate, signaling that the heater is powered on and actively heating water.

5.2 Normal Operation

The BPL Instant Water Heater is designed to provide hot water instantly as it flows through the unit. There are no temperature controls to adjust; the heating element activates when water flows.

Note: The temperature of the hot water will depend on the incoming cold water temperature and the flow rate. For hotter water, reduce the flow rate through the hot water tap. For cooler water, increase the flow rate or mix with cold water at the tap.

6. MAINTENANCE AND CARE

Regular maintenance ensures optimal performance and extends the life of your water heater. Always disconnect the power supply before performing any maintenance.

6.1 Cleaning

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

6.2 Descaling (Recommended Annually)

In areas with hard water, mineral deposits (scale) can build up inside the heating element and tank, reducing efficiency. Descaling should be performed by a qualified technician.

1. Turn off the power supply to the heater at the circuit breaker.
2. Close the cold water inlet valve to the heater.
3. Drain the water from the heater.
4. Contact a qualified service technician to perform internal descaling.

6.3 Pressure Relief Valve Check

Periodically check the pressure relief valve to ensure it is not blocked and is functioning correctly. This is a critical safety component. This check should ideally be performed by a qualified technician.

7. TROUBLESHOOTING GUIDE

Before contacting customer service, please refer to the following troubleshooting table for common issues.

Problem	Possible Cause	Solution
No hot water	No power to the unit	Check power supply, circuit breaker, and ensure the unit is plugged in.
No hot water	Water supply is off or insufficient	Ensure the cold water inlet valve is fully open and there is adequate water pressure.
Water not hot enough	High water flow rate	Reduce the water flow rate through the hot water tap.
Water not hot enough	Low incoming water temperature	This is normal in colder climates; reducing flow rate will help.
Water not hot enough	Voltage fluctuation/low voltage	Consult an electrician to check household voltage.
Water leakage	Loose plumbing connections	Tighten all plumbing connections. If leakage persists, contact service.
Water leakage	Damaged unit or internal component	Immediately disconnect power and water supply. Contact customer service.

8. TECHNICAL SPECIFICATIONS

Detailed specifications for your BPL Instant Water Heater.

Feature	Specification
Brand	BPL
Model Number	BIWHBLAZE3L3KW
Capacity	3 Litres
Wattage	3000 Watts
Heating Element	Copper
Inner Tank Material	304 Grade Stainless Steel
Product Dimensions (W x H)	18.5 cm x 36 cm
Item Weight	3 kg
Safety Features	3 Level Safety (Overheating, Dry Heating, Leakage)
Compatibility	Variable Pressure
Mounting Type	Wall Mount
Colour	White
Included Components	Water Heater, Mounting Accessories

9. WARRANTY AND CUSTOMER SUPPORT

9.1 Warranty Information

Your BPL Instant Water Heater Model BIWHBLAZE3L3KW comes with a comprehensive **5-year warranty** on the product, heating element, and inner tank. This warranty covers manufacturing defects under normal use and service conditions. Please retain your original purchase receipt as proof of purchase for any warranty claims.

The warranty does not cover damages resulting from improper installation, misuse, unauthorized repairs, or natural disasters.

9.2 Customer Support

For warranty service, technical assistance, or any other support needs, please refer to the contact details provided with your purchase documentation or visit the official BPL website for the most up-to-date contact information.

When contacting support, please have your model number (BIWHBLAZE3L3KW) and purchase date readily available.