

BUUBO RYK-002

BUUBO RYK-002 5500W Instant Tankless Electric Water Heater User Manual

Model: RYK-002 | Brand: BUUBO

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your BUUBO RYK-002 5500W Instant Tankless Electric Water Heater. Please read this manual thoroughly before installation and use to ensure proper function and to prevent potential hazards.

Important Notes:

- This product must be installed vertically.
- Before using the machine, first turn the water supply on, then power on the unit. This prevents damage from dry-heating.



Figure 1: Front view of the BUUBO RYK-002 Instant Tankless Electric Water Heater, showing the digital display and control buttons.

2. SAFETY INFORMATION

Your BUUBO RYK-002 water heater is designed with multiple safety features. Adhering to these guidelines is crucial for safe operation.

2.1 Multi-Protection System

- **Real-time Monitoring:** Continuously monitors operational parameters.
- **Electricity Leakage Protection:** Built-in safety mechanism to prevent electrical shocks.
- **Over Water Pressure Protection:** Safeguards against excessive water pressure.
- **Over-temperature Protection:** Prevents overheating of the unit.
- **Dry-heating Protection:** Automatically shuts off if water flow is insufficient, preventing damage.
- **Self-checking Function:** Performs internal diagnostics for safe operation.
- **Advanced Water and Electricity Separation Technology:** Enhances safety by isolating water and electrical components.

2.2 Electrical and Plumbing Safety

- Installation must be performed by a qualified electrician and plumber in accordance with all local and national electrical and plumbing codes.
- Ensure the electrical meter requirements are met: >10(40)A.
- Ensure the wire diameter requirements are met: >2.5 square copper core wire.
- The body is equipped with internal leak-proof electrical equipment and a built-in electric wall.
- Includes a full range of cable body 63A with bipolar leakage protection.

3. PRODUCT FEATURES

The BUUBO RYK-002 Instant Tankless Electric Water Heater offers several advantages for convenient hot water access:

- **Digital User Interface:** Provides convenient temperature control and easy operation.
- **Constant Hot Water:** Delivers continuous hot water without waiting for a tank to refill.
- **Space-Saving Design:** Compact size eliminates the need for a large water tank, saving space and simplifying installation.
- **Efficient Heating Element:** Features a heating element with good corrosion resistance and acid-resisting properties, ensuring a longer lifespan and instantaneous heating efficiency up to 99%.
- **On-Demand Hot Water:** No preheating required; hot water is available within minutes of activation, reducing water and electricity waste.



Figure 2: Close-up of the digital user interface, showing a hand interacting with the temperature controls.

4. INSTALLATION GUIDE

Warning: Installation must be performed by a certified electrician and plumber. Improper installation can lead to electric shock, fire, or other hazards.

1. **Location Selection:** Choose a vertical mounting location that is protected from freezing temperatures and easily accessible for maintenance. Ensure adequate clearance around the unit.
2. **Mounting:** Securely mount the unit vertically to a sturdy wall surface using appropriate fasteners.
3. **Plumbing Connections:** Connect the cold water inlet and hot water outlet pipes to the corresponding ports on the bottom of the unit. Ensure all connections are watertight.
4. **Electrical Wiring:** Connect the unit to a dedicated electrical circuit as per local codes. Ensure the correct wire gauge (>2.5 square copper core wire) and circuit breaker ($>10(40)\text{A}$) are used. The unit requires a 63A bipolar leakage protection.
5. **Water Supply Activation:** Before powering on, open the hot water faucet to allow water to flow through the unit and purge any air from the system. Ensure a steady flow of water.

6. **Power Activation:** Once water is flowing steadily and all connections are secure, turn on the electrical power to the unit.



Figure 3: The water heater unit shown installed in a bathroom setting, adjacent to a shower system, demonstrating its compact size.

5. OPERATION INSTRUCTIONS

Operating your BUUBO RYK-002 water heater is straightforward:

1. **Power On:** Ensure the unit is properly installed and connected to both water and electricity. Turn on the main power switch for the water heater.
2. **Water Flow:** Open the hot water faucet at your desired outlet (e.g., shower, sink). The unit will detect water flow and begin heating.
3. **Temperature Adjustment:** Use the digital controls on the front panel to set your desired water temperature. The temperature range is 30-60°C (water flow adjustable).
4. **Monitoring:** The digital display will show the current water temperature.
5. **Power Off:** When finished, close the hot water faucet. The unit will automatically stop heating. For extended periods of non-use, it is recommended to turn off the main power supply to the unit.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your water heater.

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Check for Leaks:** Regularly inspect all plumbing connections for any signs of leaks. Address any leaks immediately.
- **Sediment Flush (if applicable):** While tankless heaters are less prone to sediment buildup than tank heaters, consult a professional plumber for periodic flushing if water quality is poor in your area.
- **Professional Inspection:** It is recommended to have a qualified technician inspect the unit annually to ensure all components are functioning correctly and safely.

7. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No hot water / Unit not turning on	<ul style="list-style-type: none">• No power supply• Insufficient water flow• Safety protection activated	<ul style="list-style-type: none">• Check circuit breaker and main power switch.• Ensure water supply is fully open and water pressure is adequate.• Turn off power, wait a few minutes, then restart. If problem persists, contact a professional.
Water not hot enough	<ul style="list-style-type: none">• Temperature setting too low• Excessive water flow rate• Inadequate power supply	<ul style="list-style-type: none">• Increase temperature setting on the digital display.• Reduce water flow rate at the faucet.• Verify electrical requirements are met by a qualified electrician.
Water leakage	<ul style="list-style-type: none">• Loose plumbing connections• Internal component failure	<ul style="list-style-type: none">• Immediately turn off water supply and power. Tighten connections if accessible.• Contact a qualified plumber or the manufacturer for assistance.

If the problem persists after attempting these solutions, please contact a qualified technician or BUUBO customer support.

8. TECHNICAL SPECIFICATIONS

Specification	Value
Model	RYK-002
Power	5500W
Material	ABS housing (High temperature resistance)

Specification	Value
Waterproof Grade	IPX4
Inlet Mode	Bottom water inlet
Temperature Range	30-60°C (water flow adjustable)
Dimensions (L*W*H)	290*200*70mm
Electric Meter Requirements	>10(40)A
Wire Diameter Requirements	>2.5 square copper core wire
Working Pressure	0.1pa-0.6Mpa
Item Weight	2500 Grams
ASIN	B0F6LGSZMZ



Figure 4: Side view of the water heater, highlighting the bottom water inlet and outlet connections.

9. WARRANTY AND SUPPORT

Specific warranty details for the BUUBO RYK-002 5500W Instant Tankless Electric Water Heater are not provided in this manual. For warranty information, technical support, or service inquiries, please contact BUUBO customer service directly or refer to the product packaging and purchase documentation.

