

ALisasin JJM

ALisasin Instant Electric Tankless Water Heater (Model JJM) - User Manual

LED Touch Screen, 3-Second Heating, with Shower Kit

1. INTRODUCTION

Thank you for choosing the ALisasin Instant Electric Tankless Water Heater. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new water heater. Please read this manual thoroughly before installation and use, and retain it for future reference.

This tankless water heater is designed to provide instant hot water, eliminating the need for a storage tank. It features an LED touch screen for temperature control and incorporates multiple safety mechanisms for reliable operation.

2. SAFETY INFORMATION

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- **Professional Installation Recommended:** Electrical and plumbing work should be performed by qualified professionals in accordance with all local and national codes.
- **Electrical Safety:** The unit features double anti-electricity protection, grounding protection, and anti-over-voltage protection. Ensure proper grounding and electrical connections.
- **Water and Electricity Isolation:** Designed with water and electricity isolation for enhanced safety.
- **Dry-Burning Protection:** Prevents damage to the unit if water flow is insufficient.
- **Over-Temperature Protection:** Automatic power-off in case of excessive water temperature to prevent scalding.
- **Leakage Protection:** A protection device will cut off power supply in case of leakage.
- **IPX4 Waterproof:** Provides protection against splashing water.
- **Constant Temperature Anti-Scald:** Helps maintain a stable water temperature.



Figure 2.1: Overview of the water heater's integrated safety features.

3. PRODUCT FEATURES

- **Instant Heating:** Provides hot water within 3 seconds, eliminating waiting times.
- **LED Touch Screen:** Simple and direct digital display for temperature and settings.
- **Energy Saving:** Frequency conversion design automatically adjusts power based on water flow and temperature, reducing energy waste.
- **Intelligent Self-Inspection:** Automatically inspects working status and performance.
- **Memory Function:** Retains previous settings.
- **Compact Design:** Space-saving unit, suitable for installation under sinks or in small spaces.
- **Durable Heating Element:** Features a 304 stainless steel heating core with 3D gyrotory heating for high thermal conductivity and efficiency.

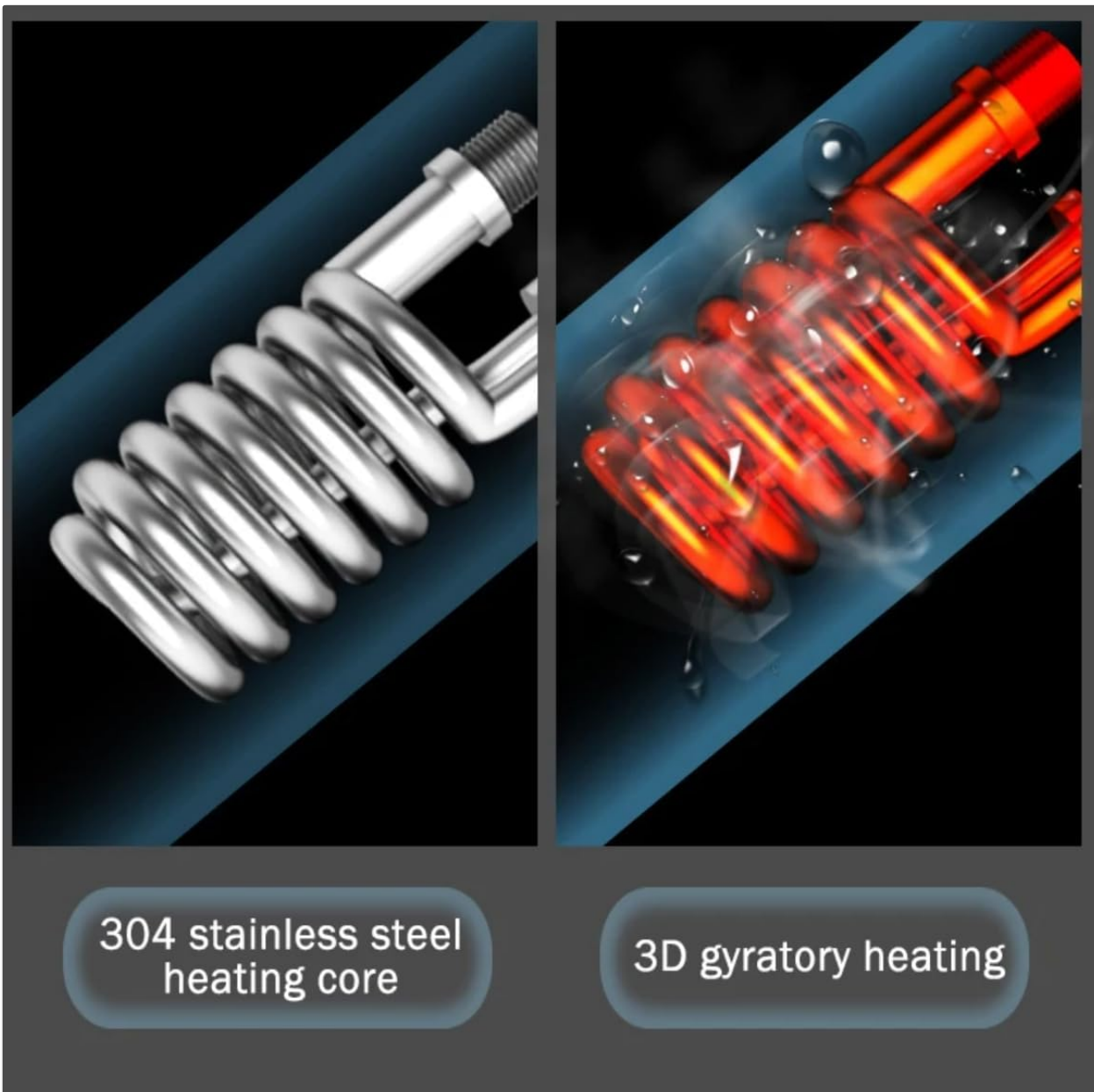


Figure 3.1: Detail of the 304 stainless steel heating core and 3D gyratory heating technology.



Figure 3.2: The water heater's intelligent temperature detection and adjustment for varying inlet water temperatures across seasons.

4. SPECIFICATIONS

Specification	Detail
Brand	ALisasin
Model Number	JJM
Power Source	AC
Voltage	220 Volts
Product Dimensions (W x H)	5"W x 10"H (approx. 127mm W x 254mm H)
Material Type	Stainless Steel
Maximum Temperature	131 Degrees Fahrenheit (55°C)
Mount Type	Wall
Color	White
UPC	726323361276

Product Size



Figure 4.1: Product dimensions of the ALisasin Instant Electric Tankless Water Heater.

5. SETUP AND INSTALLATION

The ALisasin Instant Electric Tankless Water Heater is designed for wall-mounted installation. Due to the electrical and plumbing connections required, professional installation is strongly recommended.

5.1 Installation Overview

The unit requires a cold water inlet, a hot water outlet, and an electrical connection with an earth leakage protection switch. Ensure adequate space and proper ventilation for the unit.

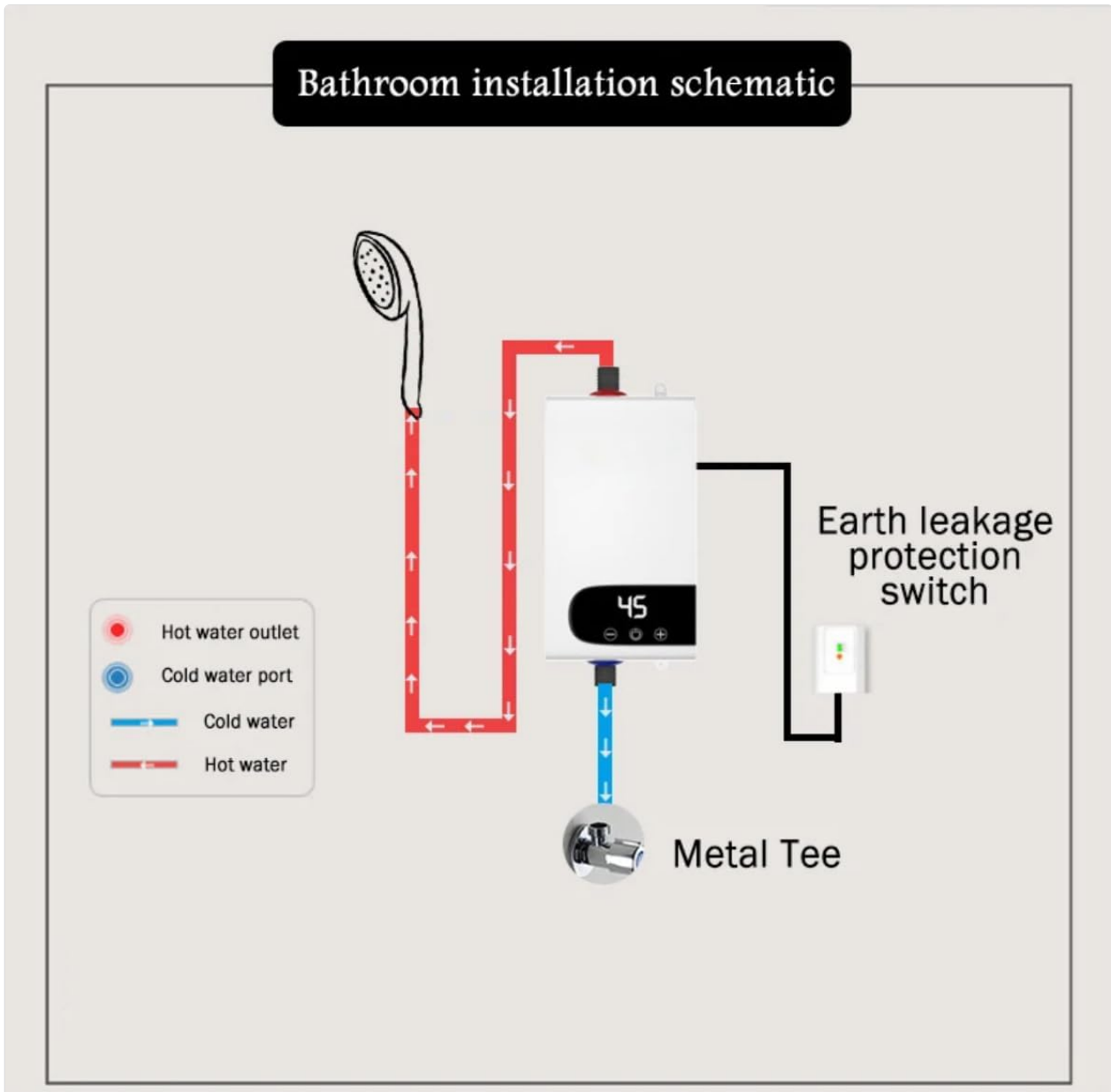


Figure 5.1: Bathroom installation schematic for the water heater.

5.2 Installation Steps (General Guidance)

1. **Choose Location:** Select a suitable wall location, ensuring it is close to water lines and an electrical outlet, and protected from freezing temperatures.
2. **Mount the Unit:** Securely mount the water heater to the wall using appropriate fasteners.
3. **Plumbing Connections:** Connect the cold water supply to the inlet and the shower kit/hot water outlet to the hot water connection. Ensure all connections are watertight.
4. **Electrical Connection:** Connect the unit to a dedicated electrical circuit with an earth leakage protection switch, following all electrical codes.
5. **Flush System:** Before powering on, open the hot water faucet to flush air from the system until water flows steadily.



Figure 5.2: Example of the water heater installed in a shower setting.

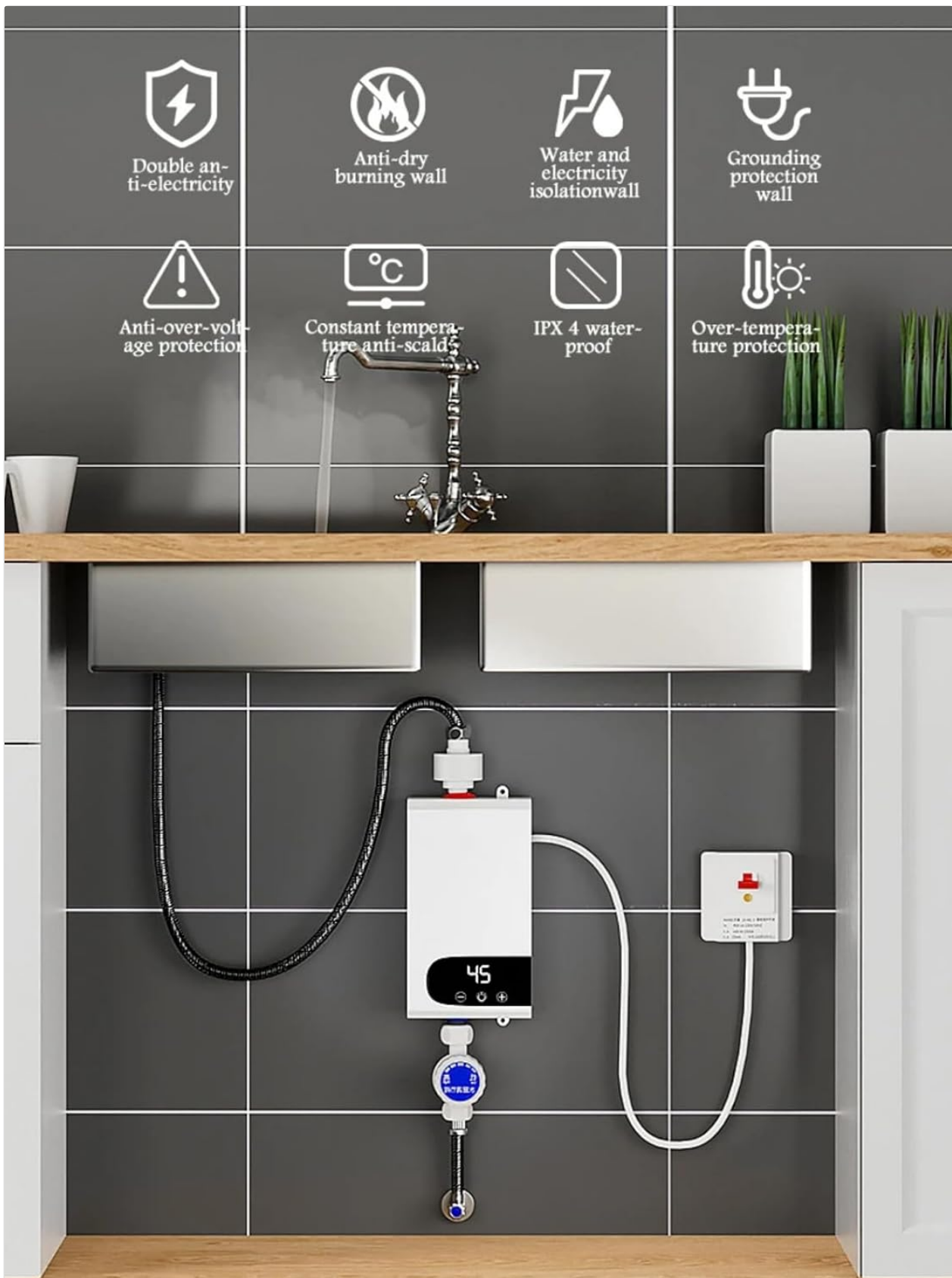


Figure 5.3: The water heater installed under a sink, showcasing its compact design and safety features.

5.3 Installation Video

The following video demonstrates the installation process for the ALisasin Instant Electric Tankless Water Heater. Please note that this video is for illustrative purposes, and professional installation is recommended.

Your browser does not support the video tag.

Video 5.1: Installation and basic operation demonstration of the ALisasin Instant Electric Tankless Water Heater.

6. OPERATING INSTRUCTIONS

The ALIsasin Instant Electric Tankless Water Heater features an intuitive LED touch screen for easy operation.

6.1 Powering On/Off

1. Ensure the water supply is open and water is flowing through the unit.
2. Plug the unit into a grounded electrical outlet. The LED display will illuminate.
3. Press the power button on the touch screen to turn the unit on or off.

6.2 Adjusting Temperature

1. Once the unit is on, the current water temperature will be displayed.
2. Use the '+' and '-' buttons on the touch screen to adjust the desired water temperature. The temperature range is typically 86-131°F (30-55°C).
3. The unit will automatically adjust its heating power to reach and maintain the set temperature.

6.3 Intelligent Temperature Control

The water heater is equipped with a temperature detector that senses the inlet water temperature and automatically adjusts heating to provide consistent hot water, adapting to seasonal changes without manual intervention.

7. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your tankless water heater.

- **Descaling:** Depending on your water hardness, periodic descaling may be necessary to remove mineral buildup from the heating element. Consult a professional plumber for descaling services.
- **Cleaning:** Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspect Connections:** Periodically check water and electrical connections for any signs of leaks or wear.
- **Filter Cleaning (if applicable):** If your unit includes an inlet water filter, clean it regularly according to the filter's instructions to maintain optimal water flow.

8. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following common troubleshooting steps. For persistent problems, contact customer support or a qualified technician.

- **No Hot Water / Insufficient Heat:**
 - Check if the unit is powered on and the LED display is active.
 - Verify the electrical breaker has not tripped.
 - Ensure adequate water flow. Low water pressure can affect heating performance.
 - Check the set temperature on the display.
- **Water Leakage:**
 - Immediately turn off the water supply and electrical power to the unit.
 - Inspect all plumbing connections for tightness.
 - Contact a qualified plumber for repair.

- **Error Codes on Display:**

- Refer to the specific error code in a more detailed product manual (if available) or contact customer support with the error code.

- **Unit Trips Breaker:**

- This indicates an electrical overload or fault. Do not reset the breaker repeatedly.
- Ensure the unit is on a dedicated circuit with appropriate amperage.
- Contact a qualified electrician immediately.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact the seller directly. If you require technical assistance or have questions not covered in this manual, please reach out to ALisasin customer support through your point of purchase or the official brand website.