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› [kbxstart 110V Electric Instant Tankless Water Heater Faucet with LED Display \(Model 743811842581\) User Manual](#)

kbxstart 743811842581

kbxstart 110V Electric Instant Tankless Water Heater Faucet with LED Display User Manual

Model: 743811842581

1. INTRODUCTION

Thank you for choosing the kbxstart 110V Electric Instant Tankless Water Heater Faucet. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new faucet. Please read this manual thoroughly before use and retain it for future reference.



Image 1.1: Overview of the kbxstart Electric Instant Tankless Water Heater Faucet. This image displays the chrome gooseneck spout, the white main body housing the heating element, and the digital LED temperature display.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety precautions:

- **Electrical Safety:** This appliance requires a dedicated 110V circuit with a 30-amp breaker. Incorrect electrical installation can lead to electrical shock, fire, or damage to the unit. Consult a qualified electrician for installation if you are unsure.
- **Water Immersion:** The faucet unit must not be immersed in water or submerged.
- **Installation Position:** The unit cannot be installed tilted. Ensure it is mounted vertically and securely.

- **Water Inlet:** The water inlet pipe installation can be from the side or rear, but ensure proper sealing to prevent leaks.
- **Water Pressure:** Ensure adequate water pressure for proper operation.
- **Children and Pets:** Keep children and pets away from the appliance during operation.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

ATTENTION PLEASE:

- 1.the machine can not be immersed in water or submerged.
2. the machine can not be installed tilt.
- 3.the entering water pipe installation of this machine is from the side or rear



Image 2.1: Important safety warnings. This image highlights three critical safety points: the unit must not be immersed or submerged, it cannot be installed tilted, and the water inlet can be from the side or rear.

3. PRODUCT FEATURES

The kbxstart Electric Instant Tankless Water Heater Faucet offers the following features:

- **Instant Heating:** Provides hot water rapidly, eliminating the need for a storage tank.
- **LED Digital Display:** Shows the current water temperature for precise control.
- **Rotatable Spout:** The faucet spout can rotate 360 degrees for convenience in various sink configurations.
- **Single Handle Control:** Easy adjustment for both water flow and temperature.
- **Dual-Use Functionality:** Delivers both hot and cold water.



Image 3.1: Detailed view of the faucet, showing the internal components and the aerator at the spout tip. This image provides a closer look at the faucet's construction and features like the temperature control handle.

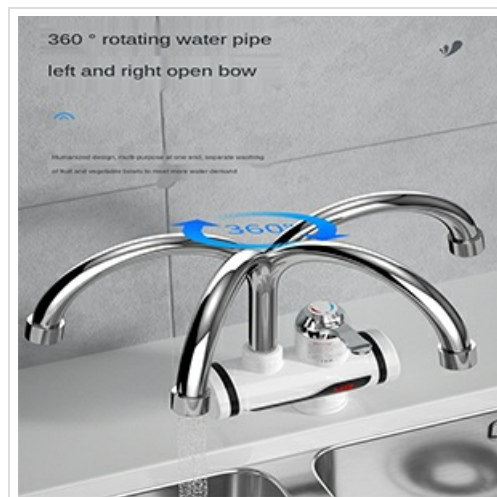


Image 3.2: Illustration of the 360-degree rotatable water pipe, demonstrating its flexibility for various uses.

4. SPECIFICATIONS

Specification	Detail
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Specification	Detail
Brand	kboxstart
Model Number	743811842581
Voltage	110 Volts
Color	Chrome
Material	Acrylonitrile Butadiene Styrene
Mounting Type	Wall
Item Weight	1.79 pounds
Package Dimensions	10.71 x 8.46 x 4.45 inches
UPC	743811842581



Image 4.1: Diagram showing the approximate dimensions of the faucet, including height (16.15 inches) and width (6.7 inches).

5. INSTALLATION GUIDE

5.1. Pre-Installation Checks

- Ensure the installation area has a dedicated 110V electrical circuit with a 30-amp breaker.
- Verify that the water supply lines are accessible and compatible.
- Confirm the mounting surface is stable and level.
- Turn off the main water supply and electrical power before beginning installation.

5.2. Installation Steps

1. **Unpack and Prepare:** Open the package and ensure all components are present.

2. **Mounting:** Unscrew the fixing nut and the lower nut from the faucet base. Insert the washer into the metal connector and place it on the sink platform. Then, insert the metal connector under the sink platform and screw on the empty wire, securing the nut under the sink platform.
3. **Water Connection:** Connect the water inlet pipe to the faucet. Ensure all connections are tight and leak-free. The water inlet can be from the side or rear depending on your setup.
4. **Electrical Connection:** Connect the faucet to the dedicated 110V, 30-amp electrical circuit. This step should be performed by a qualified electrician to ensure safety and compliance with local codes.
5. **Test:** Once installed, slowly turn on the main water supply and check for leaks. Then, turn on the electrical power and test the faucet operation.

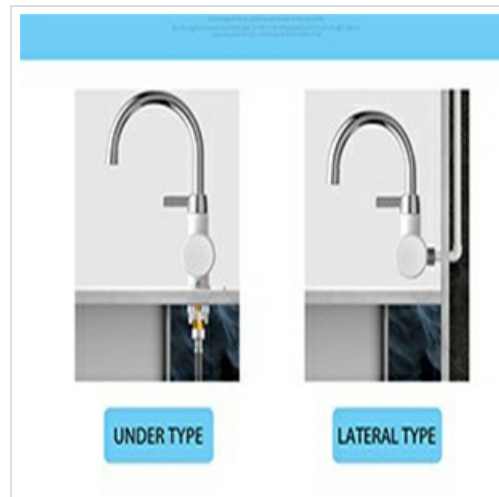


Image 5.1: Depiction of two common installation types: 'Under Type' (under-sink connection) and 'Lateral Type' (side connection).



Image 5.2: Visual guide illustrating the initial steps of faucet installation, including securing the base to the sink platform.

6. OPERATION

6.1. Turning On/Off

To turn on the water flow, move the handle. The faucet will automatically begin heating when hot water is selected.

6.2. Temperature Adjustment

The faucet features a single handle for controlling both water flow and temperature. Move the handle towards the 'Hot' side for warmer water and towards the 'Cold' side for cooler water. The LED digital display will show the real-time water temperature.

- **Hot Water:** Moving the handle towards the hot indicator will activate the heating element. The smaller the water flow, the higher the temperature achieved.
- **Cold Water:** Moving the handle towards the cold indicator will provide unheated water.



Image 6.1: Diagram illustrating the hot and cold water dual-use functionality and how water flow regulates temperature. The image shows a single handle control with indicators for hot and cold water.

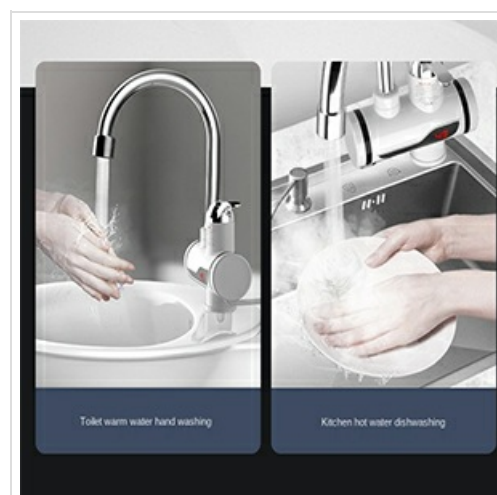


Image 6.2: Examples of the faucet in use for hand washing in a toilet setting and dishwashing in a kitchen setting, demonstrating its versatility.

7. MAINTENANCE

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

- **Cleaning:** Clean the exterior of the faucet with a soft, damp cloth and mild soap. Avoid abrasive cleaners or solvents that could damage the finish.
- **Aerator Cleaning:** Periodically unscrew and clean the aerator at the tip of the spout to remove any sediment or mineral buildup that may affect water flow.
- **Descaling:** In areas with hard water, mineral deposits can accumulate inside the heating element. If you notice a decrease in heating efficiency, consult a professional for descaling services.
- **Leak Checks:** Regularly inspect all connections for any signs of leaks. Tighten connections as needed.

8. TROUBLESHOOTING

If you encounter issues with your kbxstart electric faucet, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
No hot water or insufficient heat	No power; low water flow; heating element issue; incorrect temperature setting.	Check power supply and circuit breaker. Increase water flow. Ensure handle is set to hot. If problem persists, contact support.
Circuit breaker trips	Overload on circuit; faulty wiring; unit malfunction.	Ensure the faucet is on a dedicated 30-amp circuit. Consult a qualified electrician to inspect wiring. If the issue continues, the unit may be faulty.
Water leaking from faucet	Loose connections; damaged seals/washers; internal component damage.	Check and tighten all water connections. Inspect washers and seals for damage and replace if necessary. If leaking from inside the unit, discontinue use and contact support.
Low water pressure	Clogged aerator; low main water pressure; kinked supply line.	Clean the aerator. Check main water supply pressure. Ensure supply lines are not kinked.
LED display not working	Power issue; display malfunction.	Check power supply. If power is present and the faucet functions otherwise, the display may be faulty. Contact support.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact kbxstart customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

