

Briwellna KM14

Briwellna Electric Universal Water Heating Faucet KM14 Black - Instruction Manual

Model: KM14

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Briwellna Electric Universal Water Heating Faucet, Model KM14. Please read this manual thoroughly before installation and use, and retain it for future reference.

The Briwellna KM14 is a 2-in-1 electric water heating faucet designed to provide instant hot water. It features a durable 304 stainless steel construction, a digital temperature display, and a 360-degree swivel spout for versatile use in various sink applications.



Image 1.1: Briwellna KM14 Electric Universal Water Heating Faucet in use.

This image displays the black Briwellna KM14 faucet with its flexible spout, providing instant hot water for washing dishes. A digital display on the faucet body shows the water temperature.

2. IMPORTANT SAFETY INFORMATION

To reduce the risk of fire, electric shock, injury to persons, or damage to the product, observe the following safety precautions:

- **Electrical Connection:** Ensure the faucet is connected to a properly grounded 220V-240V~/50Hz electrical outlet. Installation should be performed by a qualified electrician if you are unsure.
- **Water Pressure:** The heating system activates with appropriate water pressure (0.4-5 bar / 0.04-0.5 MPa). Do not operate without sufficient water flow.
- **Leakage Protection:** The product incorporates multiple safety features, including leakage protection. Regularly inspect for any signs of water leakage.
- **Overheating Protection:** The faucet is equipped with overheat protection. Do not obstruct the water flow or tamper with internal components.
- **Water and Electricity Separation:** Designed with water and electricity separation for enhanced safety.
- **Children:** The digital temperature display helps monitor water temperature, which is particularly useful for households with children to prevent scalding. However, always supervise children near the faucet.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Briwellna Electric Universal Water Heating Faucet (KM14)
- Installation Accessories
- Instruction Manual

4. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Briwellna
Model	KM14
Rated Voltage/Frequency	220V-240V~/50Hz
Rated Power	3.2 KW
Start Flow Rate	600-850 ml/min
Working Water Pressure	0.4-5 bar / 0.04-0.5 MPa
Power Cord Specification	1.5 mm², 1.4 m length
Material	304 Stainless Steel Housing and Heating Tube
Dimensions (L x W x H)	18 x 18 x 21 cm
Weight	1.6 kg
Special Features	Universal Swivel Spout, Overheat Protection, Pressure Relief Valve, Decompression Valve, Digital Temperature Display
Waterproof Level	IPX4

Seconds Fast Heating, 24 hours Hot Water

Smart / Modern / Durable



Image 4.1: Product Dimensions and Technical Specifications.

This diagram illustrates the physical dimensions of the faucet, including height, width, and spout reach, along with a summary of key technical specifications like power, flow, and material.

5. INSTALLATION

Proper installation is crucial for the safe and effective operation of your faucet. If you are not confident in performing the installation yourself, it is recommended to consult a qualified plumber or electrician.

5.1 Pre-Installation Checks

- Ensure the installation area has a suitable 220V-240V~50Hz power supply with proper grounding.
- Verify that your water supply pressure is within the recommended range of 0.4-5 bar.
- Check the dimensions of your sink and countertop to ensure the faucet fits correctly (refer to Image 4.1).
- Confirm the water tube size (1/2 inch inner diameter) and the plug diameter (36mm maximum) for compatibility.

5.2 Installation Steps

1. Turn off the main water supply and electrical power to the installation area.

2. Mount the faucet onto the sink or countertop, securing it with the provided accessories.
3. Connect the water inlet hose to your cold water supply. Ensure all connections are tight to prevent leaks.
4. Connect the power cord to a grounded electrical outlet.
5. Slowly turn on the main water supply and check for any leaks.
6. Once water flow is established and no leaks are detected, restore electrical power.



Image 5.1: Easy Installation Guide.

This image provides a visual guide for installing the faucet, showing connections and necessary measurements for the water tube and electrical plug.

6. OPERATION

The Briwellna KM14 faucet is designed for straightforward operation, providing both hot and cold water on demand.

6.1 Water Flow and Temperature Control

- The faucet features a single lever handle for controlling both water flow and temperature.
- Move the lever to the right for cold water and to the left for hot water.

- The hot water output temperature typically ranges from 25°C to 55°C, depending on the inlet water temperature and flow rate.
- To increase hot water temperature, reduce the water flow by moving the lever further towards the 'hot' position. A smaller flow rate allows for more heating time, resulting in higher temperatures.



Image 6.1: Hot and Cold Water Dual Use.

This image illustrates how to use the lever handle to select between hot and cold water, with a visual representation of temperature zones.

6.2 Digital Temperature Display

- The integrated digital display provides a real-time, accurate reading of the current water temperature.
- This feature allows for precise temperature monitoring, enhancing comfort and safety during use.

Precision Engineered 304 Stainless Steel Housing

Precision engineered stainless steel construction to the highest standard makes it comfortable, durable and long-lasting.



Image 6.2: Digital Temperature Display.

A close-up view of the faucet's body, highlighting the digital screen that clearly shows the current water temperature, in this case, 45 degrees.

6.3 Universal Swivel Spout

- The faucet is equipped with a 360-degree swivel gooseneck spout.
- This design allows for full access to the sink, making it suitable for single or double sinks and facilitating various tasks.

304 Stainless Steel Heating Tube

TINTHIN HIGH-PERFORMANCE AND SAFETY-ASSURING INTERIOR COMPONENT

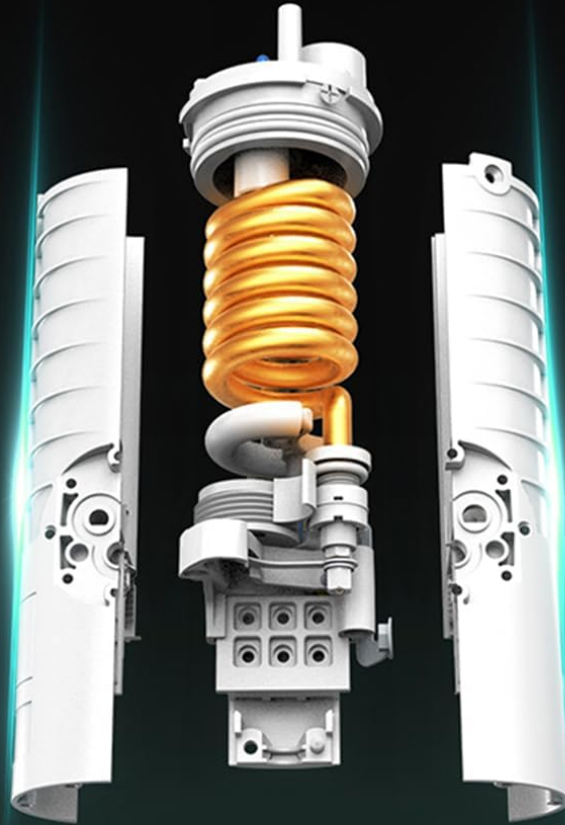


Image 6.3: 360° Swivel Universal Spout Design.

This image shows the flexible spout of the Briwellna KM14 faucet rotating to demonstrate its 360-degree swivel functionality, useful for covering multiple sink areas.

7. MAINTENANCE

Regular cleaning and proper care will ensure the longevity and optimal performance of your Briwellna faucet.

- **Cleaning:** Clean the exterior of the faucet regularly with a soft cloth and mild soap or a non-abrasive cleaner. Avoid harsh chemicals, abrasive pads, or acidic cleaners, as these can damage the stainless steel finish.
- **Aerator:** Periodically unscrew and clean the aerator at the end of the spout to remove any mineral deposits or debris that may affect water flow.
- **Leak Checks:** Regularly inspect all connections for any signs of leaks. Address any leaks promptly to prevent water damage and potential electrical hazards.
- **Power Disconnection:** Always disconnect the power supply to the faucet before performing any cleaning or maintenance tasks.

8. TROUBLESHOOTING

If you encounter issues with your Briwellna KM14 faucet, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No hot water or insufficient heating	Low water pressure; high flow rate; power supply issue; heating element malfunction.	Ensure water pressure is within 0.4-5 bar. Reduce water flow using the lever to allow more heating time. Check power connection. If problem persists, contact customer support.
Water leakage	Loose connections; damaged seals/gaskets; internal component failure.	Check and tighten all water connections. Inspect seals and gaskets for damage and replace if necessary. If leakage is from the faucet body, discontinue use and contact customer support.
Digital display not working	Power supply issue; sensor malfunction.	Check power connection. If the faucet is heating but the display is off, contact customer support.
Low water flow	Clogged aerator; low main water pressure; kinked hose.	Clean the aerator. Check main water supply pressure. Ensure hoses are not kinked.

For issues not listed here or if troubleshooting steps do not resolve the problem, please contact customer support.

9. WARRANTY AND CUSTOMER SUPPORT

Your Briwellna KM14 Electric Universal Water Heating Faucet comes with standard accessories and an instruction manual. For any technical assistance, warranty claims, or product inquiries, please contact our customer support team.

9.1 Customer Support Contact Information

- **Company:** SUCCESS COURIER SL
- **Email:** successservice2@hotmail.com
- **Phone:** 34910602659
- **Address:** CALLE RIO TORMES NUM. 1, PLANTA 1ºDERECHA, OFICINA, OFICINA 3, Fuenlabrada, Madrid, 28947 Spain

9.2 EPREL Database Information

Further product information, including energy efficiency details, can be found in the European Product Registry for Energy Labelling (EPREL) database:

- **EPREL Registration Number:** 2436465
- **EPREL Link:** <https://eprel.ec.europa.eu/qr/2436465>

