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> [BWE Widespread Bathroom Faucet, Brushed Nickel, Model 16430-N2 Instruction Manual](#)

### BWE 16430-N2

# BWE Widespread Bathroom Faucet, Brushed Nickel, Model 16430-N2

Instruction Manual

## 1. PRODUCT OVERVIEW

The BWE Widespread Bathroom Faucet, Model 16430-N2, is designed for modern bathrooms, featuring a brushed nickel finish and a unique LED waterfall spout. This 3-hole, 2-handle faucet includes a pop-up drain assembly with overflow and necessary supply lines for installation. The integrated LED lights change color based on water temperature, providing a visual indicator.



Image 1.1: BWE Widespread Bathroom Faucet with included pop-up drain and supply lines.



Image 1.2: The LED waterfall feature indicates water temperature: blue for cold, green for warm, and red for hot.

## 2. SAFETY INFORMATION

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses, during installation.
- Ensure all connections are secure to prevent leaks. Do not overtighten.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Keep small parts away from children to prevent choking hazards.

## 3. INCLUDED COMPONENTS

Verify that all components are present before beginning installation:

- Widespread Bathroom Faucet (Spout and two handles)

- Mounting Hardware
- 3/8 inch Hot and Cold Flexible Hoses (5 pieces)
- Matching Pop-up Drain with Overflow
- Installation Instruction Manual

## 4. SPECIFICATIONS

Feature	Specification
Brand	BWE
Model Name	16430-N2
Color	Brushed Nickel
Material	Brass
Finish Type	Brushed
Mounting Type	Deck Mount
Hole Count	3
Number of Handles	2
Installation Type	Widespread
Spout Design	Waterfall
Spout Height	8 Inches
Spout Reach	5 Inches
Item Weight	4.58 pounds (2.08 Kilograms)
Recommended Uses	Bathroom (Commercial/House)
Special Features	Easy to Install, Pop Up Drain, LED Waterfall

## 5. INSTALLATION INSTRUCTIONS

### 5.1. Before You Begin

- **Tools Required:** Adjustable wrench, Phillips screwdriver, plumber's putty or silicone sealant, tape measure, safety glasses.
- **Sink Compatibility:** This faucet is designed for 3-hole widespread installations. Ensure your sink has three holes with a minimum diameter of 1.06 inches and a maximum of 1.9 inches. The distance between the center of the outer holes should be 8 inches.
- **Water Supply:** Turn off the hot and cold water supply valves under the sink or at the main water line.

### 5.2. Step-by-Step Installation

- 1. Prepare the Sink:** Clean the faucet mounting area on the sink. If replacing an old faucet, remove it and clean any residue.
- 2. Install Faucet Handles:** Insert the hot and cold handles into the outer holes of the sink. Secure them from underneath with the provided washers and nuts. Ensure the handles are oriented correctly for hot and cold water.
- 3. Install Faucet Spout:** Place the faucet spout into the center hole. Apply plumber's putty or silicone sealant around the base of the spout to create a watertight seal. Secure the spout from underneath with the provided washer and mounting nut.
- 4. Connect Water Supply Lines:** Connect the hot and cold flexible hoses to the corresponding inlets on the faucet handles and spout. Connect the other ends of the hoses to your hot and cold water supply valves. Hand-tighten, then use an adjustable wrench for a quarter turn. Do not overtighten.
- 5. Install Pop-Up Drain:** Insert the pop-up drain assembly into the sink's drain hole. Apply plumber's putty or silicone sealant around the flange of the drain. Secure the drain from underneath with the provided rubber washer and locking nut. Connect the overflow tube if applicable.
- 6. Test for Leaks:** Slowly turn on the main water supply. Check all connections for leaks. If leaks are present, tighten the connections slightly until they stop.

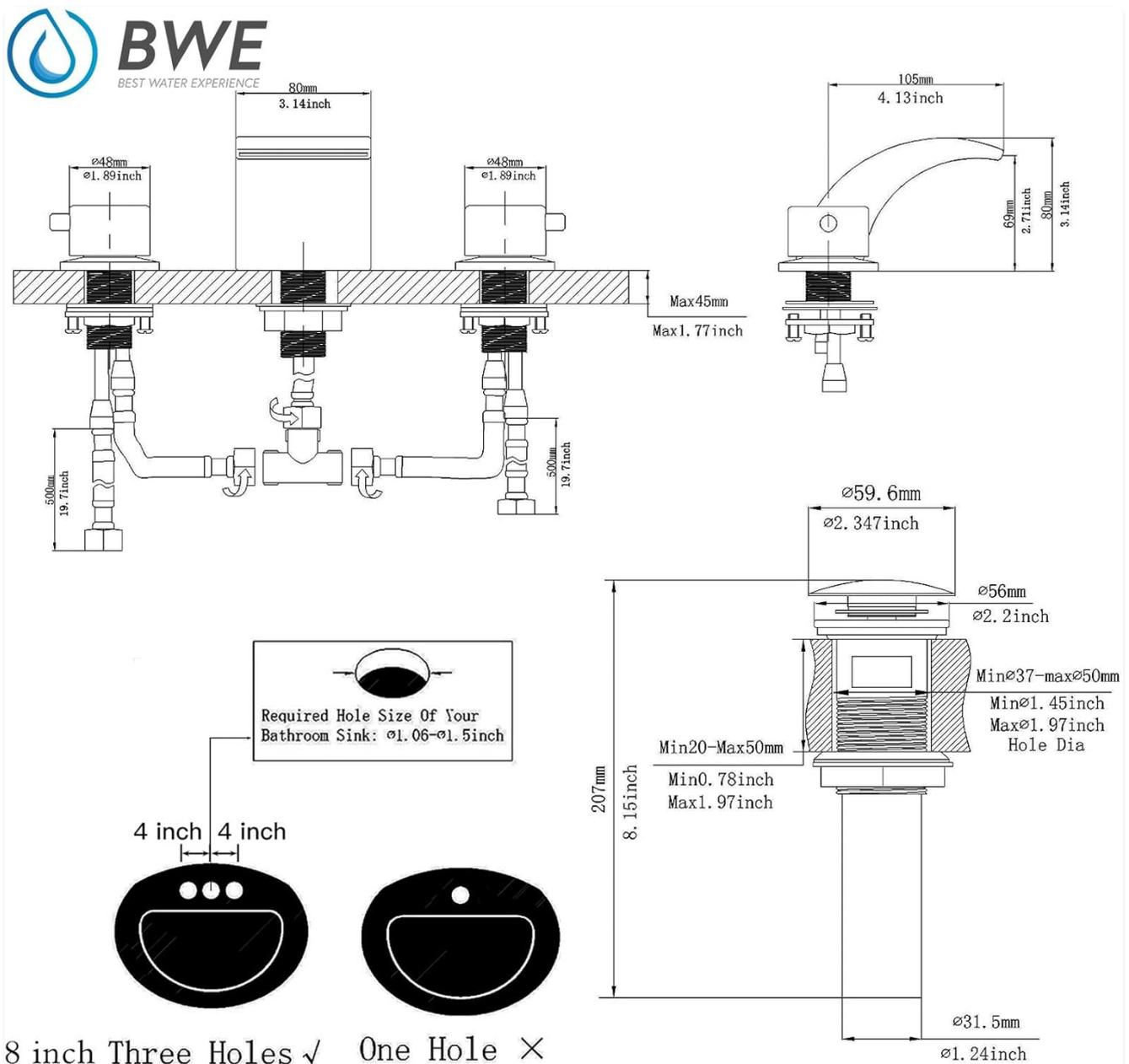


Image 5.1: Installation diagram showing dimensions and component connections.

## 6. OPERATING INSTRUCTIONS

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## 6.1. Water Flow and Temperature Control

The faucet features two handles for precise control over water flow and temperature:

- Turn the left handle to control hot water.
- Turn the right handle to control cold water.
- Rotate the handles to adjust the water flow from off to full on.
- Mix hot and cold water by adjusting both handles to achieve your desired temperature.

## 6.2. LED Waterfall Feature

The integrated LED lights in the waterfall spout illuminate the water stream and change color based on the water temperature:

- **Blue Light:** Indicates cold water.
- **Green Light:** Indicates warm water.
- **Red Light:** Indicates hot water.

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## 7. MAINTENANCE AND CARE

- **Regular Cleaning:** Clean the faucet regularly with a soft cloth and mild soap. Rinse thoroughly with water and dry to prevent water spots.
- **Avoid Harsh Cleaners:** Do not use abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the brushed nickel finish and the LED components.
- **Check for Leaks:** Periodically inspect all connections for any signs of leaks and tighten if necessary.
- **LED Longevity:** While designed for durability, the LED lights have a finite lifespan. If the lights cease to function, contact customer support for assistance.

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## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Low Water Pressure	Partially closed water supply valves; clogged supply lines or faucet aerator.	Ensure water supply valves are fully open. Check and clean supply lines or faucet components for obstructions.
Leaks from Faucet Base or Connections	Loose connections; improper sealing with plumber's putty.	Tighten connections. Reapply plumber's putty or silicone sealant if necessary.
LED Lights Not Working	No water flow; LED component malfunction; low water pressure.	Ensure water is flowing through the spout. Check water pressure. If problem persists, contact BWE customer support.
Water Temperature Inconsistent	Improper connection of hot/cold supply lines; issues with water heater.	Verify hot and cold supply lines are connected correctly. Check your water heater settings.

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## 9. WARRANTY AND SUPPORT

BWE products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or visit the official BWE website. If you encounter any issues or require technical assistance, please contact BWE customer support:

- **Manufacturer:** BWE
- **Website:** [Visit the BWE Store on Amazon](#) (for general product information)
- For direct support, please refer to the contact information provided in your product packaging.



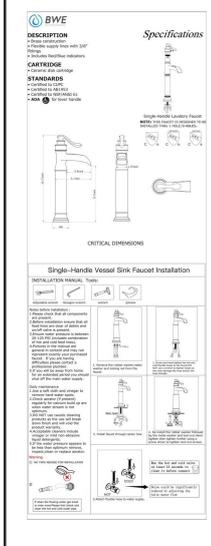
## Related Documents - 16430-N2

	<p><a href="#">BWE Widespread Double Handle High-Arc Bathroom Faucet - Installation Guide</a></p> <p>Detailed specifications and installation guidance for the BWE A-916441-BG Widespread Double Handle High-Arc Bathroom Faucet with drain kit in Brushed Gold. Features water-saving technology and dimensions for sink compatibility.</p>
<p>specifications</p>	<p><a href="#">BWE 6090 Single-Handle Lavatory Faucet Specifications and Installation Guide</a></p> <p>Detailed specifications, installation instructions, and daily maintenance tips for the BWE 6090 single-handle lavatory faucet. Learn about dimensions, sink compatibility, and proper care for your bathroom fixture.</p>
<p>specifications</p>	<p><a href="#">BWE Single-Handle Lavatory Faucet (Model 61806) Specifications and Installation Guide</a></p> <p>Detailed specifications, installation instructions, and maintenance tips for the BWE single-handle lavatory faucet, model 61806. Learn about features, required hole sizes, and proper care.</p>



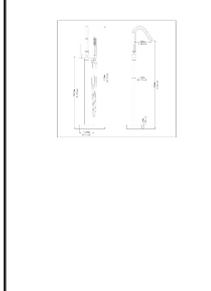
### [BWE Pedestal Pivoting Toilet Paper Holder Use and Care Guide](#)

Detailed use and care guide for the BWE Pedestal Pivoting Toilet Paper Holder, including assembly instructions, parts list, and product information. Learn how to install and maintain your BWE bathroom accessory.



### [BWE Single-Handle Vessel Sink Faucet Installation Guide and Specifications](#)

Comprehensive installation manual and specifications for the BWE Single-Handle Vessel Sink Faucet, featuring brass construction, ceramic disk cartridge, and ADA compliance. Includes step-by-step installation instructions and maintenance tips.



### [BWE A-97005-Black Freestanding Floor Mount Tub Faucet with Hand Shower | Technical Specifications & Installation](#)

Explore the detailed technical specifications and installation guide for the BWE A-97005-Black freestanding floor mount Roman tub faucet. Features include single-handle control, hand shower, matte black finish, and precise dimensions.