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## Kohler K-13461-VS

# KOHLER K-13461-VS Sculpted Touchless Bathroom Sink Faucet User Manual

Model: K-13461-VS

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of your KOHLER K-13461-VS Sculpted Touchless Bathroom Sink Faucet. This faucet incorporates Insight technology, an adaptive infrared sensor system designed to optimize operation by filtering false triggers. Please read this manual thoroughly before installation and use to ensure proper function and longevity of your product.



**Figure 1:** KOHLER K-13461-VS Sculpted Touchless Bathroom Sink Faucet. This image displays the KOHLER K-13461-VS Sculpted Touchless Bathroom Sink Faucet. It features a sleek, modern design with a vibrant stainless finish. The touchless sensor is visible on the front body of the faucet, along with the KOHLER logo at the base.

## SAFETY INFORMATION

- Always turn off the water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves during installation.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Ensure all connections are secure to prevent leaks.
- Do not use abrasive cleaners or harsh chemicals on the faucet finish.

## PACKAGE CONTENTS

Verify that all components are present before beginning installation.

- KOHLER K-13461-VS Faucet Assembly
- Mounting Hardware
- Water Supply Lines
- Battery Pack (includes 2 AAA batteries)

- Installation Guide

## SPECIFICATIONS

|                           |                                       |
|---------------------------|---------------------------------------|
| <b>Model Number</b>       | K-13461-VS                            |
| <b>Brand</b>              | Kohler                                |
| <b>Finish Type</b>        | Vibrant Stainless                     |
| <b>Material</b>           | Brass                                 |
| <b>Mounting Type</b>      | Single Hole                           |
| <b>Spout Height</b>       | 5.19 Inches                           |
| <b>Spout Reach</b>        | 5 Inches                              |
| <b>Maximum Flow Rate</b>  | 0.5 Gallons Per Minute (GPM)          |
| <b>Power Source</b>       | DC-Powered (2 AAA batteries included) |
| <b>Technology</b>         | Insight Adaptive Infrared Sensor      |
| <b>Product Dimensions</b> | 3"D x 8"W x 4"H                       |
| <b>Item Weight</b>        | 6.3 pounds                            |

## INSTALLATION (SETUP)

Professional installation is recommended. Ensure you have all necessary tools and components before starting.

- 1. Turn Off Water Supply:** Locate and turn off the hot and cold water supply valves under the sink.
- 2. Remove Old Faucet (if applicable):** Disconnect the old faucet's supply lines and mounting hardware, then remove it from the sink.
- 3. Install Faucet Body:** Place the new faucet body through the single hole in the sink or countertop. Secure it from underneath with the provided mounting hardware.
- 4. Connect Water Supply Lines:** Attach the hot and cold water supply lines to the corresponding inlets on the faucet. Connect the other ends to your home's water supply valves. Ensure connections are hand-tightened, then use a wrench for a quarter turn. Do not overtighten.
- 5. Install Battery Pack:** Connect the battery pack to the designated port on the faucet's control box. Insert the 2 AAA batteries (included) into the battery pack.
- 6. Calibrate Insight Sensor:** Once power is connected, the Insight sensor will automatically begin its adaptive calibration process. Ensure the area around the sensor is clear during this initial setup.
- 7. Check for Leaks:** Slowly turn on the hot and cold water supply valves. Inspect all connections for any signs of leaks.
- 8. Test Faucet Operation:** Place your hands under the spout to activate the touchless sensor and verify water flow.

*Note: An external mixer (sold separately) is required to temper the water if temperature adjustment is desired. This faucet has one supply line connection for cold water unless an external mixer is used.*

## OPERATION

### Touchless Activation

The KOHLER K-13461-VS faucet utilizes Insight adaptive infrared technology for touchless operation.

- **To Activate:** Place your hands or an object within the sensor's detection zone, typically directly under the spout. Water will begin to flow.
- **To Deactivate:** Remove your hands or the object from the sensor's detection zone. Water flow will stop automatically.
- **Insight Technology:** The sensor continuously analyzes its surroundings to prevent false activations and optimize performance. This adaptive feature helps maintain reliable operation in various bathroom environments.

## Water Temperature Adjustment

This faucet is designed for cold water supply unless an external thermostatic mixer is installed (sold separately). If an external mixer is present, adjust the water temperature using the mixer's controls.

## MAINTENANCE

### Cleaning the Faucet

- Use a soft, damp cloth and mild soap to clean the faucet surface.
- Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- Regular cleaning helps maintain the faucet's appearance and prolong its lifespan.

### Battery Replacement

The faucet is powered by 2 AAA batteries, which typically last for a minimum of 3 years. When the batteries are low, the faucet's performance may become inconsistent or stop working.

1. **Locate Battery Pack:** The battery pack is typically located under the sink, connected to the faucet's control box.
2. **Disconnect and Open:** Disconnect the battery pack from the control box. Open the battery compartment.
3. **Replace Batteries:** Remove the old AAA batteries and insert new ones, ensuring correct polarity.
4. **Reassemble and Reconnect:** Close the battery compartment and reconnect the battery pack to the control box.
5. **Test Operation:** Test the faucet to ensure proper function after battery replacement.

## TROUBLESHOOTING

| Problem                  | Possible Cause   | Solution  |
|--------------------------|--|---|
| No water flow.           | <ul style="list-style-type: none"><li>○ Water supply valves are closed.</li><li>○ Batteries are dead or low.</li><li>○ Sensor is obstructed or dirty.</li><li>○ Supply lines are kinked.</li></ul> | <ul style="list-style-type: none"><li>○ Open water supply valves.</li><li>○ Replace batteries.</li><li>○ Clean sensor area; ensure no objects are blocking it.</li><li>○ Check and straighten supply lines.</li></ul> |
| Intermittent water flow. | <ul style="list-style-type: none"><li>○ Low batteries.</li><li>○ Sensor interference.</li><li>○ Water pressure issues.</li></ul>   | <ul style="list-style-type: none"><li>○ Replace batteries.</li><li>○ Ensure no reflective surfaces or strong light sources are interfering with the sensor.</li><li>○ Check household water pressure.</li></ul>       |

|  |  |   |
|--|--|---|
| Water continues to flow after hands are removed. | <ul style="list-style-type: none"><li>◦ Sensor is dirty or obstructed.</li><li>◦ Sensor calibration issue.</li></ul> | <ul style="list-style-type: none"><li>◦ Clean the sensor area.</li><li>◦ Remove batteries for 30 seconds, then reinsert to force recalibration.</li></ul> |
| Leaks at connections.                            | <ul style="list-style-type: none"><li>◦ Loose connections.</li><li>◦ Damaged O-rings or washers.</li></ul>           | <ul style="list-style-type: none"><li>◦ Tighten connections (do not overtighten).</li><li>◦ Inspect and replace any damaged O-rings or washers.</li></ul> |

## WARRANTY INFORMATION

The KOHLER K-13461-VS Sculpted Touchless Bathroom Sink Faucet is covered by a **Five-year limited warranty**. This warranty covers defects in material and workmanship under normal use and service. For full warranty details and terms, please refer to the official Kohler warranty documentation or visit the Kohler website.

## CUSTOMER SUPPORT

For further assistance, technical support, or to order replacement parts, please contact Kohler customer service or visit their official website.

- **Website:** [www.kohler.com](http://www.kohler.com)
- Refer to your product's packaging or the Kohler website for specific contact numbers and hours of operation.

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