

Kohler K-27416-4-2MB

KOHLER K-27416-4-2MB Tone Widespread Bathroom Sink Faucet Instruction Manual

Model: K-27416-4-2MB

1. PRODUCT OVERVIEW

The KOHLER Tone K-27416-4-2MB is a widespread bathroom sink faucet designed for 3-hole installations. It features two lever handles for separate control of hot and cold water, and a 1.2 GPM (gallons per minute) maximum flow rate. The faucet is finished in Vibrant Brushed Moderne Brass, offering a blend of modern style and durability.

Key Features:

- Two lever handles for precise hot and cold water control.
- 5-15/16" (151 mm) spout reach.
- 1.2 GPM (4.5 lpm) maximum flow rate at 60 psi (4.14 bar).
- KOHLER ceramic disc valves for long-lasting, leak-free performance.
- Includes a clicker drain with tailpiece and overflow.
- Vibrant Brushed Moderne Brass finish resists tarnish, corrosion, and scratches.



Image 1.1: The KOHLER Tone Widespread Bathroom Sink Faucet in Vibrant Brushed Moderne Brass.

2. SAFETY INFORMATION

Before beginning installation, read all instructions thoroughly. Observe all local plumbing and building codes. If you are unsure about any part of the installation process, consult a qualified plumber. Always turn off the main water supply before working on any plumbing fixtures. Wear appropriate personal protective equipment, such as safety glasses, during installation.

3. SETUP AND INSTALLATION

This faucet is designed for a 3-hole widespread installation. The product comes preassembled for ease of installation. Ensure your sink or countertop has the necessary three holes with appropriate spacing for a widespread faucet (8"-16" centers).

Included Components:

- Fully assembled faucet body with spout.
- Two lever handles.
- Touch-activated pop-up drain with tailpiece and overflow.
- Preassembled supply lines.

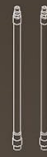
What's in the Box



Faucet
Fully assembled faucet.



Touch-Activated Pop-Up Drain



Supply Lines
Preassembled.



Image 3.1: Diagram showing the components included in the box: faucet, touch-activated pop-up drain, and preassembled supply lines.

Recommended Tools (Not Included):

- Adjustable wrench
- Plumber's putty or silicone sealant
- Screwdriver
- Flashlight
- Teflon tape

Installation Steps (General Guide):

1. **Prepare the Sink:** Ensure the sink holes are clean and free of debris.
2. **Install Handles:** Insert the hot and cold water handles into their respective holes. Secure them from underneath the sink according to the detailed instructions provided in the manufacturer's guide.
3. **Install Spout:** Place the faucet spout into the center hole. Apply plumber's putty or silicone sealant around the base of the spout if required by the specific instructions. Secure the spout from underneath.
4. **Connect Water Lines:** Connect the preassembled supply lines from the faucet to your hot and cold water supply valves. Use an adjustable wrench and Teflon tape on threaded connections to ensure a

watertight seal.

5. **Install Drain Assembly:** Follow the instructions for installing the clicker drain with tailpiece and overflow into the sink drain hole. Ensure all seals are properly seated to prevent leaks.
6. **Test for Leaks:** Once all connections are secure, slowly turn on the main water supply and check for any leaks. Operate the faucet handles to ensure proper water flow and temperature control.



Image 3.2: Faucet dimensions including faucet height (5-9/16" / 141 mm), spout reach (5-15/16" / 151 mm), and handle range (16" / 406 mm).

4. OPERATING INSTRUCTIONS

The KOHLER Tone faucet features two lever handles for controlling water flow and temperature.

- **Cold Water:** The right lever handle controls the cold water supply. Turn the handle to increase or decrease the flow.
- **Hot Water:** The left lever handle controls the hot water supply. Turn the handle to increase or decrease the flow.
- **Temperature Control:** Adjust both handles simultaneously to achieve the desired water temperature.
- **Flow Rate:** The faucet delivers a maximum flow rate of 1.2 gallons per minute (GPM), designed for water

conservation without compromising performance.



Image 4.1: The KOHLER Tone faucet demonstrating water flow, tested to exceed industry standards.

5. MAINTENANCE

Proper care and maintenance will ensure the longevity and appearance of your KOHLER Tone faucet.

Cleaning the Finish:

- Clean the faucet regularly with a soft, damp cloth.
- For water spots or light grime, a quick wipe with a microfiber cloth is often sufficient.
- Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish.
- The Vibrant Brushed Moderne Brass finish features ScratchShield Technology, designed to resist tarnish, corrosion, and scratches, maintaining its appearance over time.

Vibrant® Finishes Feature ScratchShield® Technology

Resist Tarnish, Corrosion, and Scratches

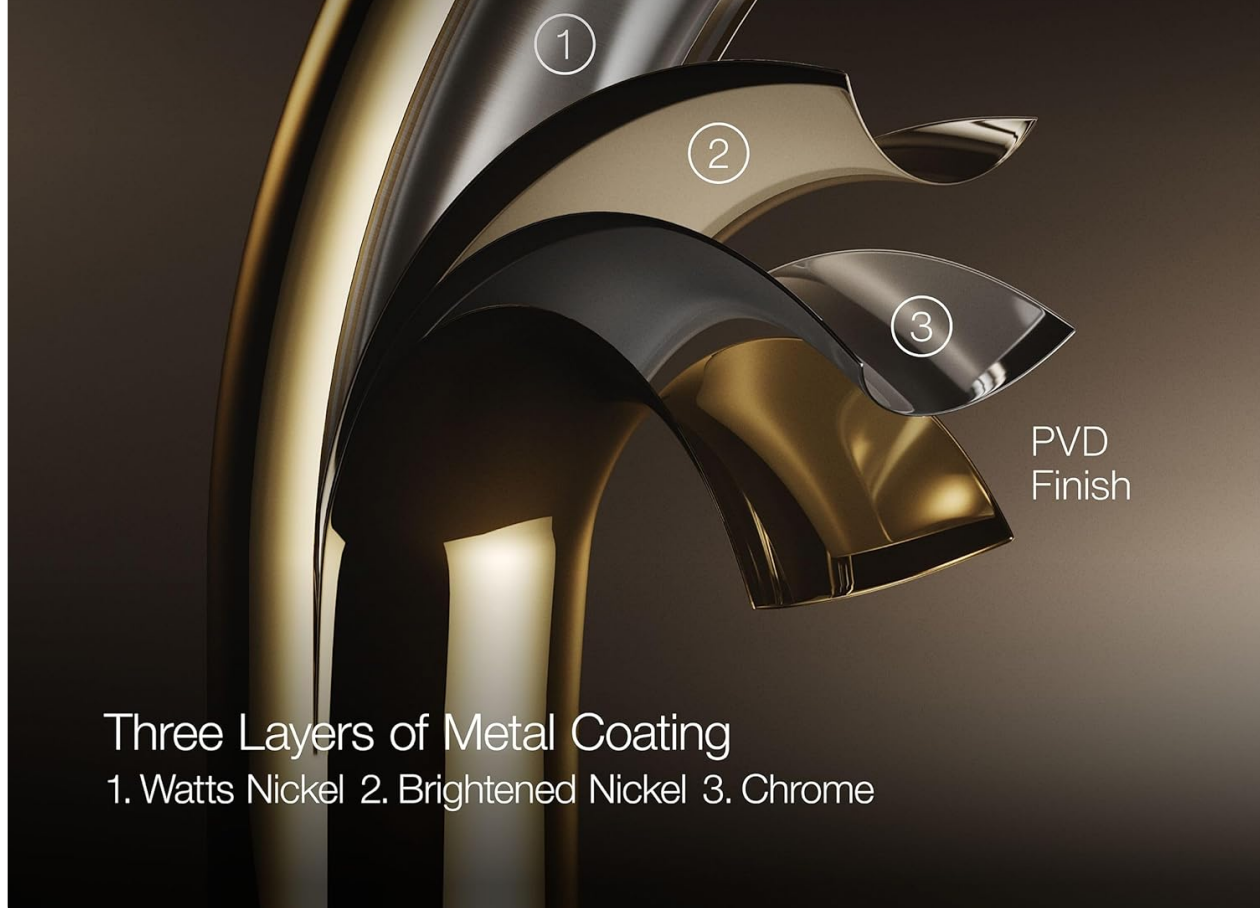


Image 5.1: Diagram illustrating the multi-layer coating of Vibrant Finishes with ScratchShield Technology, designed to resist tarnish, corrosion, and scratches.

Valve Maintenance:

- The faucet is equipped with durable KOHLER ceramic disc valves, engineered to prevent leaks and ensure a lifetime of reliable performance.
- No routine maintenance is typically required for the ceramic disc valves. If a leak occurs, refer to the troubleshooting section or contact customer support.

Durable Ceramic Valves Prevent Leaks



Image 5.2: A close-up of the durable ceramic valve, designed to prevent leaks and ensure long-term performance.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your faucet.

Problem	Possible Cause	Solution
Low Water Flow	Aerator clogged with debris; partially closed supply stop valves.	Remove and clean the aerator. Ensure supply stop valves are fully open.
Leaking from Spout	Worn ceramic disc valve cartridge.	Contact KOHLER customer service for replacement parts or professional assistance.
Leaking at Base of Faucet	Improperly sealed connections during installation; loose mounting nuts.	Check and tighten mounting nuts. Reapply plumber's putty or silicone sealant if necessary.

Problem	Possible Cause	Solution
Difficulty Operating Handles	Mineral buildup; loose handle screws.	Clean around handle bases. Tighten handle screws if loose.

7. SPECIFICATIONS

Specification	Detail
Model Number	K-27416-4-2MB
Brand	Kohler
Recommended Uses	Bathroom
Mounting Type	Deck Mount
Finish Type	Brushed
Material	Zinc (Body), Brass (Handles)
Color	Vibrant Brushed Moderne Brass
Number of Handles	2
Installation Type	Widespread (3-hole)
Maximum Flow Rate	1.2 Gallons Per Minute (4.5 lpm)
Spout Reach	151 Millimeters (5-15/16 inches)
Item Weight	3.95 pounds
Product Dimensions	6 x 9.5 x 6 inches
Special Feature	Tarnish Resistant

8. WARRANTY INFORMATION

This KOHLER product is covered by a Limited Lifetime Warranty. This warranty ensures that the product is free from defects in material and workmanship for as long as the original consumer/purchaser owns his or her home.

For complete warranty details, terms, and conditions, please visit the official KOHLER website at [KOHLER.com/Warranty](https://www.kohler.com/Warranty).



Image 8.1: The KOHLER Lifetime Limited Warranty badge, signifying commitment to quality and durability.

9. CUSTOMER SUPPORT

If you require further assistance, have questions not covered in this manual, or need to report a warranty claim, please contact KOHLER customer service.

- **Online Support:** Visit the official KOHLER website for FAQs, product registration, and contact information.
- **Telephone Support:** Refer to your product packaging or the KOHLER website for the most current customer service telephone numbers.