Kohler K-T14420-4-BN

Kohler K-T14420-4-BN Purist Rite-Temp Pressure Balance Tub & Shower Faucet

INSTRUCTION MANUAL

Product Overview

This manual provides detailed instructions for the installation, operation, and maintenance of your Kohler K-T14420-4-BN Purist Rite-Temp Pressure Balance Tub & Shower Faucet. The Purist Rite-Temp bath and shower trim is designed to maintain a desired water temperature within +/-3°F, offering both modern aesthetics and reliable performance. It features premium material construction, a durable one-piece ceramic valve, and a high-temperature limit stop for enhanced safety. This product meets ADA requirements.



Image: Kohler K-T14420-4-BN Purist Rite-Temp Tub & Shower Faucet in Vibrant Brushed Nickel.

Important Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in property damage, personal injury, or death. Observe all local plumbing and building codes. If you are unsure about any part of the installation, consult a qualified plumber.

- Always turn off the main water supply before beginning any work on the plumbing system.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Ensure all connections are secure and leak-free before restoring water supply.
- Do not overtighten components, as this may cause damage.

Package Contents

Verify that all components are present before beginning installation:

- Purist Tub and Shower Trim Package
- Shower Faucet Components

Note: The rough-in valve is sold separately and is required for installation.

Setup and Installation

This section outlines the general steps for installing the Kohler K-T14420-4-BN tub and shower trim. Refer to the detailed diagrams for specific measurements and component placement.

Tools Required (Not Included)

- Adjustable wrench
- Screwdriver (Phillips and flathead)
- Pipe sealant or Teflon tape
- Level
- Measuring tape

Installation Steps

1. **Prepare the Rough-in Valve:** Ensure the rough-in valve (sold separately) is correctly installed and secured within the wall according to its specific instructions. Verify that the valve body is plumb and at the correct depth relative to the finished wall surface.
2. **Install the Shower Arm and Head:** Apply pipe sealant or Teflon tape to the threads of the shower arm. Thread the shower arm into the shower outlet in the wall. Tighten securely. Attach the showerhead to the shower arm, ensuring a tight, leak-free connection.
3. **Install the Tub Spout:** Apply pipe sealant or Teflon tape to the threads of the tub spout nipple extending from the wall. Thread the tub spout onto the nipple. Ensure the spout is level and facing downwards.
4. **Install the Handle Trim:** Position the escutcheon (faceplate) over the valve body, aligning it with the mounting holes. Secure the escutcheon with the provided screws. Install the handle onto the valve stem, ensuring it operates smoothly. Secure the handle with its set screw.
5. **Test for Leaks:** Slowly turn on the main water supply. Check all connections for leaks. If leaks are detected, turn off the water supply, tighten the connections, and retest.

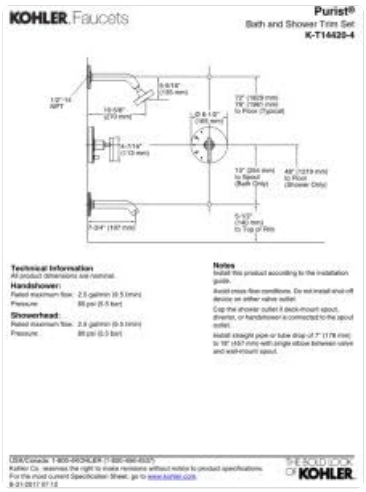


Image: Technical diagram showing dimensions and installation points for the Purist Bath and Shower Trim Set.

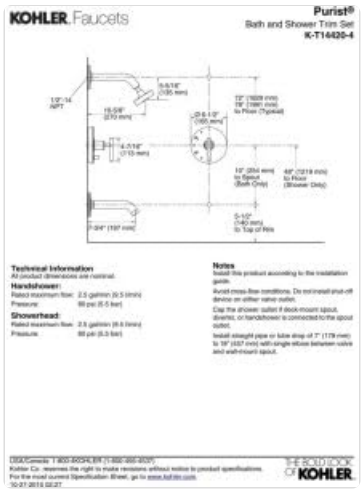


Image: Detailed technical diagram with specific measurements for the Purist Bath and Shower Trim Set.

Operating Instructions

The Kohler K-T14420-4-BN features a single handle for controlling both water temperature and flow.

- **Turning On/Off:** Rotate the handle counter-clockwise to turn on the water. Continue rotating to increase flow. Rotate clockwise to decrease flow and turn off the water.
- **Adjusting Temperature:** The handle typically rotates through a range to select desired water temperature. Moving the handle towards one side (e.g., left) will increase hot water, while moving it towards the other side (e.g., right) will increase cold water. The Rite-Temp pressure balance valve automatically adjusts to maintain your selected temperature, even with pressure fluctuations in the hot or cold water supply.
- **Diverting Water (if applicable):** If your trim includes a diverter (e.g., for switching between tub spout and showerhead), operate it according to its specific design, usually by pulling a knob or rotating a collar on the tub spout.

Maintenance

Proper care and cleaning will ensure the longevity and appearance of your Kohler faucet.

- **Cleaning:** Clean the faucet regularly with a soft, damp cloth. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the finish. For stubborn spots, use a mild soap solution and rinse thoroughly.
- **Aerator Maintenance:** If water flow decreases, the aerator on the showerhead or tub spout may be clogged. Unscrew the aerator, clean any debris, and rinse thoroughly before reattaching.
- **Ceramic Valve:** The one-piece ceramic valve is designed for durability and typically requires no maintenance. If issues arise, consult the troubleshooting section or contact Kohler support.

Troubleshooting

This section addresses common issues you might encounter with your tub and shower faucet.

Problem	Possible Cause	Solution
Low water flow	Clogged aerator; partially closed stopcock; low water pressure in home.	Clean aerator. Ensure stopcocks are fully open. Consult a plumber if home water pressure is consistently low.

Problem	Possible Cause	Solution
Water temperature fluctuates	Pressure balance valve issue; hot/cold water supply issues.	Verify hot and cold water supply lines are fully open. If problem persists, contact Kohler support or a qualified plumber.
Leaks from handle or spout	Loose connections; damaged O-rings or seals.	Turn off water supply. Tighten connections. Inspect and replace O-rings or seals if damaged.
Handle is stiff or difficult to turn	Mineral buildup; worn cartridge.	Clean around the handle base. If necessary, the cartridge may need to be replaced. Contact Kohler support.

Specifications

- **Brand:** Kohler
- **Model Name:** K-T14420-4-BN
- **Mounting Type:** Wall Mount
- **Finish Type:** Brushed
- **Material:** Nickel (faucet body), Ceramic (handle)
- **Color:** Vibrant Brushed Nickel
- **Number of Handles:** 1
- **Flow Rate:** 2.5 Gallons Per Minute (Showerhead), 2.5 Gallons Per Minute (Handshower, if applicable)
- **Handle Type:** Lever
- **Spout Design:** Traditional Curve
- **Item Weight:** 5 Pounds
- **UPC:** 087206772139

Warranty Information

This Kohler product is covered by a **Lifetime Limited Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the official Kohler warranty documentation included with your purchase or visit the Kohler website.

Support

For further assistance, technical support, or to order replacement parts, please contact Kohler customer service. You can find contact information on the official Kohler website or in the documentation provided with your product.

Online Resources: www.kohler.com

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question