

Kohler 1021119

Kohler 1021119 Thermostatic Valve Cartridge

Instruction Manual

1. PRODUCT OVERVIEW

The Kohler 1021119 is a genuine replacement part designed for specific Kohler faucet systems. This component is a 1/2 inch thermostatic valve cartridge, essential for regulating water temperature and flow within your plumbing fixture. It is constructed from durable brass and features a standard threaded connection for reliable performance.



Image 1.1: The Kohler 1021119 Thermostatic Valve Cartridge. This image displays the brass cartridge, which is a key component for temperature regulation in compatible Kohler faucets.

2. PRODUCT FEATURES

- **Replacement Cartridge:** Specifically designed as a direct replacement for compatible Kohler thermostatic valves.
- **1/2 Inch Thermostatic Valve:** Ensures precise control over water temperature, preventing sudden changes.
- **Durable Brass Construction:** Manufactured from high-quality brass for longevity and resistance to corrosion.
- **No Finish:** The cartridge is supplied without an external finish, as it is an internal component.

- **Model Number:** Identified as Kohler Model 1021119.

3. SETUP AND INSTALLATION

Installation of the Kohler 1021119 thermostatic valve cartridge requires basic plumbing knowledge and tools. It is recommended to consult the specific installation guide for your Kohler faucet model, as procedures may vary. Always ensure the main water supply is turned off before beginning any installation or replacement work.

1. **Turn off Water Supply:** Locate the main water shut-off valve for your home or the specific fixture and turn it off. Open the faucet to drain any remaining water.
2. **Access the Cartridge:** Depending on your faucet model, you may need to remove handles, escutcheons, or other decorative components to access the existing cartridge.
3. **Remove Old Cartridge:** Carefully remove the old thermostatic cartridge. This may involve unscrewing a retaining nut or clip. Note the orientation of the old cartridge for correct installation of the new one.
4. **Install New Cartridge:** Insert the new Kohler 1021119 cartridge into the valve body, ensuring it is correctly seated and oriented. Secure it with the retaining nut or clip.
5. **Reassemble Faucet:** Reattach any handles, escutcheons, or other components removed in step 2.
6. **Restore Water Supply:** Slowly turn the main water supply back on and check for leaks. Test the faucet's temperature and flow control.

Note: If you are unsure about any step, it is advisable to contact a qualified plumber.

4. OPERATING INSTRUCTIONS

The Kohler 1021119 thermostatic valve cartridge operates internally within your faucet to maintain a consistent water temperature. Once installed, its function is automatic. Users interact with the faucet's external controls (handles or levers) to select the desired temperature and flow. The cartridge then mixes hot and cold water to achieve and maintain that temperature, even if incoming water pressure or temperature fluctuates.

- **Temperature Control:** Adjust the faucet handle to select the desired water temperature. The thermostatic cartridge will automatically blend hot and cold water to reach and maintain this setting.
- **Flow Control:** Use the faucet handle to control the water flow rate as needed.

5. MAINTENANCE

The Kohler 1021119 thermostatic valve cartridge is designed for long-term reliability with minimal maintenance. However, water quality can affect its lifespan. Regular maintenance of your plumbing system can help ensure optimal performance.

- **Water Quality:** In areas with hard water, mineral deposits can accumulate over time. If you notice a decrease in temperature control or flow, the cartridge may need cleaning or replacement.
- **Cleaning:** If cleaning is required, carefully remove the cartridge as per the installation steps and gently rinse it under clean water. Avoid using harsh chemicals or abrasive tools that could damage the internal components.
- **Replacement:** If the cartridge is damaged or no longer functions correctly after cleaning, it should be

replaced with a new Kohler 1021119 unit.

6. TROUBLESHOOTING

If you experience issues with your faucet after installing or while using the Kohler 1021119 thermostatic valve cartridge, consider the following common troubleshooting steps:

- **Inconsistent Water Temperature:**
 - Ensure both hot and cold water supplies are fully open.
 - Check if the cartridge is properly seated and secured.
 - Mineral buildup might be affecting the cartridge's function. Consider cleaning or replacing the cartridge.
- **Low Water Flow:**
 - Verify that the main water supply and any shut-off valves for the fixture are fully open.
 - Inspect the cartridge for any obstructions or debris.
 - Check the aerator on the faucet spout for clogs.
- **Leaks Around the Faucet Handle:**
 - Ensure all connections and retaining nuts are tightened appropriately (do not overtighten).
 - Check the O-rings and seals on the cartridge for damage or improper seating.

For persistent issues, refer to your specific faucet model's manual or contact Kohler customer support.

7. SPECIFICATIONS

Attribute	Detail
Model Number	1021119
Brand	Kohler
Part Type	Thermostatic Valve Cartridge
Material	Brass
Inlet Connection Size	0.5 Inches
Thread Size	1/2 inch
Connector Type	Threaded
Number of Ports	2
Item Dimensions (L x W x H)	6 x 5 x 1 inches
Item Weight	4 ounces
Exterior Finish	Painted (internal component, no decorative finish)

Attribute	Detail
Specification Met	ASME
Included Components	K-1021119 Cartridge

8. WARRANTY AND SUPPORT

For information regarding the warranty of your Kohler 1021119 replacement part, please refer to the warranty documentation provided with your original Kohler faucet or visit the official Kohler website. Kohler offers comprehensive customer support for their products.

- **Official Kohler Website:** www.kohler.com
- **Customer Service:** Contact Kohler customer service for assistance with product inquiries, troubleshooting, or warranty claims. Refer to the website for current contact information.

This manual provides general instructions for the Kohler 1021119 Thermostatic Valve Cartridge. Always consult specific faucet model documentation for detailed installation and maintenance procedures.