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Rohl C7075-1

Rohl C7075-1 1/2-inch Stem Clockwise Opening Cartridge Valve Instruction Manual

Model: C7075-1

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Rohl C7075-1 1/2-inch Stem Clockwise Opening Cartridge Valve. This brass cartridge valve is designed for specific Rohl Country Kitchen faucets, ensuring reliable water flow control. Please read this manual thoroughly before beginning any installation or maintenance procedures to ensure proper function and longevity of the product.

SAFETY INFORMATION

Always observe the following safety precautions during installation and maintenance:

- **Turn off Water Supply:** Before beginning any work, ensure the main water supply to the faucet is completely shut off.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as safety glasses and gloves.
- **Proper Tools:** Use only the correct tools for the job to prevent damage to the valve or faucet components.
- **Professional Assistance:** If you are unsure about any step, consult a qualified plumber.
- **Avoid Overtightening:** Do not overtighten connections, as this can damage threads or components.

PRODUCT OVERVIEW

The Rohl C7075-1 is a 1/2-inch stem cartridge valve designed for clockwise opening. This means that turning the faucet handle clockwise will open the valve and allow water to flow. It is specifically compatible with Rohl Country Kitchen faucet models A1676, A1680, and A1679 for hot water applications, and A1407, A1408, A1409, and all cold lavatory faucets for cold water applications. The valve features a 1/4 turn mechanism for

precise water control.



Image: The Rohl C7075-1 1/2-inch Stem Clockwise Opening Cartridge Valve, a brass component with a threaded body and a splined stem for handle attachment.

SETUP AND INSTALLATION

This section outlines the general steps for replacing an existing cartridge valve with the Rohl C7075-1. Specific faucet models may have slight variations in disassembly.

1. **Prepare the Area:** Clear the area around the faucet. Place a towel or cloth in the sink basin to catch any drips or small parts.
2. **Shut Off Water Supply:** Locate the hot and cold water supply valves under the sink and turn them off completely. Turn on the faucet to drain any remaining water from the lines.
3. **Remove Faucet Handle:** Carefully remove the faucet handle. This usually involves unscrewing a set screw (often hidden under a decorative cap) or simply pulling the handle off if it's a pull-off design.
4. **Remove Trim and Escutcheon:** Remove any decorative trim or escutcheon plates to expose the valve body.

5. **Remove Old Cartridge:** Using an appropriate wrench (often an 11/16-inch socket wrench is recommended), carefully unscrew and remove the old cartridge valve from the faucet body. Note its orientation for reference.
6. **Clean Valve Seat:** Inspect the valve seat inside the faucet body for any debris or mineral buildup. Clean thoroughly if necessary.
7. **Install New Cartridge:** Insert the new Rohl C7075-1 cartridge valve into the faucet body, ensuring it is properly seated and oriented. The valve is designed for clockwise opening.
8. **Secure Cartridge:** Hand-tighten the cartridge, then use the wrench to gently tighten it until snug. Do not overtighten.
9. **Reassemble Faucet:** Reattach any trim, escutcheon plates, and the faucet handle in reverse order of removal.
10. **Restore Water Supply:** Slowly turn the hot and cold water supply valves back on. Check for any leaks around the newly installed cartridge.
11. **Test Operation:** Test the faucet's operation, ensuring smooth 1/4 turn clockwise opening and proper water flow.

OPERATION

The Rohl C7075-1 cartridge valve operates with a 1/4 turn clockwise opening mechanism. To turn on the water flow, rotate the faucet handle clockwise. To turn off the water flow, rotate the handle counter-clockwise until it stops. This design provides quick and efficient control over water delivery.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Rohl cartridge valve:

- **Regular Cleaning:** Clean the exterior of your faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners or harsh chemicals, as these can damage the brass finish.
- **Check for Leaks:** Periodically inspect the area around the faucet and under the sink for any signs of leaks. Address any leaks promptly to prevent water damage.
- **Mineral Buildup:** In areas with hard water, mineral deposits can accumulate over time. If you notice reduced water flow or stiff operation, the cartridge may need to be removed and cleaned or replaced.
- **Handle Tightness:** Ensure the faucet handle remains securely attached to the valve stem. Tighten the set screw if the handle becomes loose.

TROUBLESHOOTING

This section addresses common issues you might encounter with your cartridge valve.

Problem	Possible Cause	Solution
Faucet drips or leaks when off.	Worn cartridge seals or internal components.	Replace the cartridge valve. Ensure proper installation and seating.
Reduced water flow.	Mineral buildup in the cartridge or aerator.	Clean or replace the cartridge. Clean or replace the faucet aerator.
Handle is stiff or hard to turn.	Mineral deposits or worn internal lubrication.	Remove and clean the cartridge. If issue persists, replace the cartridge.
Water flow direction is incorrect (e.g., clockwise turns off).	Incorrect cartridge type installed (e.g., counter-clockwise opening).	Ensure you have the correct Rohl C7075-1 clockwise opening cartridge.

SPECIFICATIONS

Feature	Detail
Model Number	C7075-1
Material	Brass
Valve Type	Cartridge Valve
Opening Direction	Clockwise Opening
Turn Mechanism	1/4 Turn
Inlet Connection Size	0.5 Inches
Outlet Connection Size	0.5 Inches
Item Weight	0.01 ounces
Package Dimensions	5 x 1.1 x 1 inches
Compatible Hot Faucets	A1676, A1680, A1679
Compatible Cold Faucets	A1407, A1408, A1409, All Cold Lavatory Faucets

WARRANTY AND SUPPORT

The Rohl C7075-1 1/2-inch Stem Clockwise Opening Cartridge Valve comes with a **Limited Lifetime Warranty**. For specific details regarding warranty coverage, terms, and conditions, please refer to the official Rohl warranty documentation or visit the Rohl website.

For technical support, replacement parts, or any inquiries regarding your Rohl product, please contact Rohl

customer service directly. Contact information can typically be found on the official Rohl website or through your product's original packaging.