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PROFLO ACF4001UCRT

PROFLO ACF4001UCRT Ceramic Cartridge Instruction Manual

Model: ACF4001UCRT

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the PROFLO ACF4001UCRT Ceramic Cartridge. This cartridge is specifically designed for use with the PROFLO PF4001 Tub and Shower Valve. Please read these instructions carefully before beginning any work to ensure proper function and safety.

SAFETY INFORMATION

Always observe the following safety precautions:

- **Turn off water supply:** Before attempting any installation or maintenance, ensure the main water supply to the fixture is completely shut off.
- **Wear protective gear:** Use appropriate personal protective equipment, such as safety glasses and gloves.
- **Consult a professional:** If you are unsure about any step or encounter difficulties, consult a qualified plumber.
- **Handle with care:** Ceramic cartridges are delicate; avoid dropping or applying excessive force.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x PROFLO ACF4001UCRT Ceramic Cartridge

Note: This product includes the cartridge only. Other components of the tub and shower valve are sold separately.

TOOLS REQUIRED

The following tools may be necessary for installation:

- Adjustable wrench or pliers
- Screwdriver (Phillips or flathead, depending on your valve trim)

- Utility knife (optional, for removing old caulk)
- Cleaning cloth

INSTALLATION INSTRUCTIONS

Follow these steps to replace or install the PROFLO ACF4001UCRT Ceramic Cartridge:

1. **Shut off Water Supply:** Locate the main water shut-off valve for your home or the specific shut-off valves for the tub/shower. Turn them off completely.
2. **Drain Remaining Water:** Open the tub/shower faucet to drain any residual water from the lines.
3. **Remove Handle and Trim:** Carefully remove the faucet handle. This usually involves prying off a decorative cap to expose a screw, then unscrewing the handle. Remove any escutcheon plate or trim that covers the valve body.
4. **Remove Retaining Nut/Clip:** Identify the retaining nut or clip that holds the existing cartridge in place. Use an adjustable wrench or pliers to carefully loosen and remove the nut, or a screwdriver to remove the clip.
5. **Extract Old Cartridge:** Gently pull the old cartridge straight out from the valve body. You may need to twist it slightly to free it. If it's stuck, avoid excessive force.
6. **Clean Valve Body:** Use a cleaning cloth to wipe away any debris, mineral deposits, or old lubricant from inside the valve body. Ensure the area is clean for the new cartridge.
7. **Install New Cartridge:** Align the new PROFLO ACF4001UCRT Ceramic Cartridge with the valve body. Ensure any alignment tabs or notches on the cartridge match those in the valve body. Push the cartridge firmly and straight into place until it is fully seated.
8. **Secure Cartridge:** Reinstall the retaining nut or clip, tightening it securely but not overtightening.
9. **Reassemble Trim:** Reattach the escutcheon plate, trim, and faucet handle in reverse order of removal.
10. **Restore Water Supply:** Slowly turn the main water supply back on.
11. **Check for Leaks:** Turn on the faucet and check for any leaks around the handle or trim. Test both hot and cold water flow.





Image 1: The PROFLO ACF4001UCRT Ceramic Cartridge. This image shows the complete cartridge assembly, featuring its beige base, blue cylindrical body, and brass stem, ready for installation into a compatible tub and shower valve.

OPERATION

Once installed, the PROFLO ACF4001UCRT Ceramic Cartridge facilitates the control of water flow and temperature in your PF4001 Tub and Shower Valve. Rotate the handle to adjust temperature and pull/push or rotate to control water volume, depending on your specific valve trim design.

MAINTENANCE

The ceramic cartridge is designed for durability and minimal maintenance. However, to ensure optimal performance and longevity:

- **Avoid harsh chemicals:** Do not use abrasive cleaners or harsh chemicals on the valve trim, as these can damage finishes and potentially affect internal components.
- **Regular cleaning:** Periodically clean the exterior of your faucet and shower head to prevent mineral buildup.
- **Water quality:** In areas with hard water, mineral deposits can accumulate over time. If you notice reduced flow or stiffness in the handle, the cartridge may need inspection or replacement.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Leaking from handle or spout	Worn or improperly seated cartridge, damaged O-rings.	Ensure cartridge is fully seated and retaining nut is tight. If leaking persists, the cartridge may be faulty and require replacement.
Reduced water flow	Mineral buildup in cartridge or aerator (if applicable).	Clean or replace the cartridge. Check and clean the shower head or aerator for blockages.
Difficulty adjusting temperature	Cartridge malfunction or mineral buildup affecting internal components.	Replace the cartridge.
Water not shutting off completely	Damaged or worn cartridge seals.	Replace the cartridge.

SPECIFICATIONS

- **Model:** ACF4001UCRT
- **Brand:** PROFLO
- **Compatible Valve:** PF4001 Tub and Shower Valve
- **Cartridge Type:** Ceramic
- **Item Weight:** 5.8 ounces
- **Product Dimensions:** 5.75 x 3.88 x 2 inches
- **Included Components:** Product Only (Cartridge)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your PROFLO ACF4001UCRT Ceramic Cartridge, please refer to the official PROFLO website or contact their customer service department. Keep your purchase receipt as proof of purchase.

PROFLO Official Website: www.proflo.com



