Kingston Brass KS1000C

Kingston Brass KS1000C Cold Ceramic Disc Cartridge Instruction Manual

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the Kingston Brass KS1000C Cold Ceramic Disc Cartridge. This cartridge is a vital component designed to control the flow of cold water in compatible Kingston Brass faucets. Proper installation and care will ensure optimal performance and longevity.

Product Overview and Features

The Kingston Brass KS1000C is a high-quality cold ceramic disc cartridge engineered for durability and reliable performance. It is designed to replace worn or faulty cartridges in Kingston Brass faucets, restoring proper water control.

- **Material:** Fabricated from high-quality brass and ceramic for robust construction.
- **Corrosion Resistance:** Designed to resist corrosion, extending product life.
- **Durability:** Engineered for long-lasting durability and consistent operation.
- **Compatibility:** Specifically for use with Kingston Brass faucets; verify model compatibility before installation.
- **Dimensions:** Features a 3/8" x 16 PT handle connection and an overall length of 2-3/8".



Image: Technical drawing of the Kingston Brass KS1000C Cold Ceramic Disc Cartridge, showing detailed dimensions and thread specifications. This diagram is essential for verifying compatibility and understanding the cartridge's physical characteristics.

Installation Instructions

Safety First: Before beginning any plumbing work, ensure the main water supply to the faucet is turned off. Wear appropriate safety gear, such as gloves and eye protection.

1. **Turn Off Water Supply:** Locate the water shut-off valves for your faucet (typically under the sink) and turn them clockwise until the water flow stops completely. If no individual shut-off valves are present, turn off the main water supply to your home.

2. **Drain Faucet:** Open the faucet handle to drain any remaining water from the lines.
3. **Remove Faucet Handle:** Depending on your faucet model, you may need to pry off a decorative cap (often marked 'C' for cold) to expose a screw. Use a screwdriver to remove this screw and carefully lift off the handle.
4. **Access the Cartridge:** Once the handle is removed, you will typically see a retaining nut or clip holding the cartridge in place. Use an adjustable wrench or pliers to carefully loosen and remove the retaining nut. If it's a clip, use needle-nose pliers to remove it.
5. **Remove Old Cartridge:** Gently pull the old cartridge straight up and out of the faucet body. If it is stuck, a cartridge puller tool may be necessary. Note the orientation of the old cartridge for correct installation of the new one.
6. **Clean Faucet Body:** Inspect the faucet body for any debris, mineral deposits, or old O-rings. Clean the area thoroughly to ensure a good seal with the new cartridge.
7. **Install New Cartridge:** Insert the new Kingston Brass KS1000C Cold Ceramic Disc Cartridge into the faucet body, ensuring it is correctly oriented. The alignment pins or notches on the cartridge should match the slots in the faucet body.
8. **Secure Cartridge:** Reinstall the retaining nut or clip, tightening it just enough to secure the cartridge without overtightening, which could damage the cartridge or faucet body.
9. **Reassemble Faucet:** Place the faucet handle back onto the cartridge stem and secure it with the screw. Reattach any decorative caps.
10. **Restore Water Supply:** Slowly turn the water shut-off valves back on (counter-clockwise).
11. **Check for Leaks:** Open the faucet and check for any leaks around the handle or base of the faucet. Test the water flow.

If you encounter any difficulties during installation, it is recommended to consult a qualified plumber.

Operating Instructions

The Kingston Brass KS1000C Cold Ceramic Disc Cartridge is designed for straightforward operation within your faucet. Once installed, the cartridge controls the flow of cold water. Turning the faucet handle will rotate the ceramic discs inside the cartridge, allowing water to pass through or stopping its flow.

- **Water Flow Control:** Rotate the faucet handle to adjust the volume of cold water.
- **Temperature Control:** This specific cartridge controls only the cold water supply. For mixed temperature control, a hot water cartridge (typically KS1000H) would also be present in a two-handle faucet, or a single-handle mixing cartridge would be used.

Maintenance

To ensure the longevity and optimal performance of your Kingston Brass KS1000C Cold Ceramic Disc Cartridge, consider the following maintenance tips:

- **Regular Cleaning:** Periodically clean the exterior of your faucet to prevent mineral buildup that could affect handle operation.
- **Check for Leaks:** Regularly inspect the faucet for any signs of dripping or leaks. Addressing minor leaks promptly can prevent further damage to the cartridge or faucet.
- **Water Quality:** In areas with hard water, mineral deposits can accumulate over time. While ceramic discs are highly resistant, extreme buildup can affect performance. Consider a water softener if hard water is a persistent issue.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners or harsh chemicals on your faucet, as these can damage the finish and potentially affect internal components.

Troubleshooting

If you experience issues with your faucet after installing or using the Kingston Brass KS1000C Cold Ceramic Disc Cartridge, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Faucet Drips or Leaks	◦ Cartridge not seated correctly. ◦ Retaining nut is loose. ◦ Damaged O-rings (less common with new cartridge). ◦ Debris caught in cartridge.	◦ Ensure cartridge is fully inserted and aligned. ◦ Tighten retaining nut (do not overtighten). ◦ Disassemble, inspect, and clean cartridge and faucet body.
Low Cold Water Flow	◦ Partially closed water supply valve. ◦ Aerator clogged. ◦ Debris in cartridge or water line.	◦ Fully open the cold water supply valve. ◦ Clean or replace the faucet aerator. ◦ Disassemble and inspect cartridge for obstructions.
Handle Stiff or Hard to Turn	◦ Overtightened retaining nut. ◦ Mineral buildup.	◦ Loosen retaining nut slightly. ◦ Disassemble and clean cartridge and faucet body.

If these solutions do not resolve the issue, contact Kingston Brass customer support or a professional plumber.

Specifications

Feature	Detail
Manufacturer	Kingston Brass
Part Number	KS1000C
Item Weight	5.6 ounces
Product Dimensions	2.38 x 0.75 x 0.75 inches
Item Model Number	KS1000C
Color	Raw
Material	Brass
Item Package Quantity	1
Included Components	Cartridge
Batteries Included?	No
Batteries Required?	No

Feature	Detail
Date First Available	October 9, 2018

Warranty Information

The Kingston Brass KS1000C Cold Ceramic Disc Cartridge comes with a**1 Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For specific terms and conditions, or to initiate a warranty claim, please contact Kingston Brass customer service.

Customer Support

For further assistance, technical support, or inquiries regarding your Kingston Brass KS1000C Cold Ceramic Disc Cartridge, please visit the official Kingston Brass website or contact their customer service department. You can often find contact information, FAQs, and additional resources on their website.
Kingston Brass Official Website: www.kingstonbrass.com

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