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hansgrohe 88586000

hansgrohe 88586000 Balance Cartridge User Manual

Installation, Operation, and Maintenance Instructions

1. PRODUCT OVERVIEW

The hansgrohe 88586000 Balance Cartridge is a replacement component designed for specific hansgrohe faucet models. This cartridge is crucial for regulating water flow and temperature, ensuring consistent performance of your faucet. It is engineered for durability and precise control.



Figure 1: Main view of the hansgrohe 88586000 Balance Cartridge, showing its chrome and brass components.

2. SAFETY INFORMATION

Before beginning any installation or maintenance, please observe the following safety precautions:

- **Turn off Water Supply:** Always shut off the main water supply to the faucet before attempting to remove or install the cartridge.
- **Wear Eye Protection:** Protect your eyes from debris or splashes during the process.
- **Consult a Professional:** If you are unsure about any step, consult a qualified plumber.
- **Handle with Care:** The cartridge contains delicate internal components. Avoid dropping or applying excessive force.

3. PACKAGE CONTENTS

The package typically includes:

- 1 x hansgrohe 88586000 Balance Cartridge

Note: Additional tools required for installation (e.g., screwdriver, adjustable wrench) are not included.

4. INSTALLATION INSTRUCTIONS

Follow these steps to replace your hansgrohe balance cartridge:

1. **Prepare the Work Area:** Clear the area around the faucet. Place a towel or cloth in the sink 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 and relieve pressure.
3. **Remove Faucet Handle:** Depending on your faucet model, you may need to remove a decorative cap or screw to access the handle screw. Unscrew and remove the handle.
4. **Remove Trim and Retaining Nut:** Carefully remove any decorative trim or escutcheon plates. You will then see a retaining nut or ring that holds the cartridge in place. Use an adjustable wrench to loosen and remove this nut.
5. **Extract Old Cartridge:** Gently pull the old cartridge straight out of the faucet body. It may require some wiggling. Note its orientation for reference.
6. **Clean Faucet Body:** Inspect the faucet body for any debris, mineral deposits, or old O-rings. Clean the area thoroughly to ensure a proper seal with the new cartridge.
7. **Install New Cartridge:** Insert the new hansgrohe 88586000 Balance Cartridge into the faucet body, ensuring it is correctly oriented. It should slide in smoothly. Do not force it.
8. **Secure Cartridge:** Reinstall the retaining nut or ring and tighten it firmly, but do not overtighten.
9. **Reassemble Faucet:** Replace any decorative trim, escutcheon plates, and the faucet handle.
10. **Restore Water Supply:** Slowly turn the hot and cold water supply valves back on.
11. **Test Faucet:** Check for leaks and verify proper water flow and temperature control.



Figure 2: Bottom view of the hansgrohe 88586000 Balance Cartridge, showing the water inlets and outlets.

5. OPERATION

The hansgrohe 88586000 Balance Cartridge operates internally within your faucet to control the mixing of hot and cold water. Once installed, its function is seamless and requires no direct user interaction beyond the normal operation of your faucet handle. It ensures a consistent water temperature and flow rate, even with fluctuations in water pressure.

6. MAINTENANCE

To ensure the longevity and optimal performance of your hansgrohe balance cartridge:

- **Regular Inspection:** Periodically check for any signs of leaks around the faucet base or handle.
- **Water Quality:** In areas with hard water, mineral deposits can accumulate over time. If you notice reduced flow or temperature control issues, the cartridge may need cleaning or replacement.
- **Avoid Harsh Chemicals:** When cleaning the exterior of your faucet, avoid using abrasive cleaners or harsh chemicals that could damage seals or finishes.

7. TROUBLESHOOTING

If you encounter issues after installing the new cartridge, consider the following:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Faucet Leaks	Cartridge not seated correctly; retaining nut loose; damaged O-rings (unlikely with new cartridge).	Ensure cartridge is fully inserted and retaining nut is tightened. Recheck O-rings if visible.
Inconsistent Water Temperature	Hot/cold water supply not fully open; cartridge not properly calibrated (if applicable to faucet model).	Verify both hot and cold water supply valves are fully open. Consult your faucet's specific manual for calibration steps if temperature issues persist.
Low Water Flow	Water supply valves not fully open; aerator clogged; debris in faucet body.	Check water supply valves. Clean or replace the faucet aerator. Re-inspect faucet body for debris.

8. SPECIFICATIONS

- **Model Number:** 88586000
- **Brand:** hansgrohe
- **Product Dimensions:** 6"L x 3"W x 6"H
- **Item Weight:** 1 Pound
- **Color:** Chrome (exterior components)
- **Material:** Brass, Plastic, Chrome-plated components

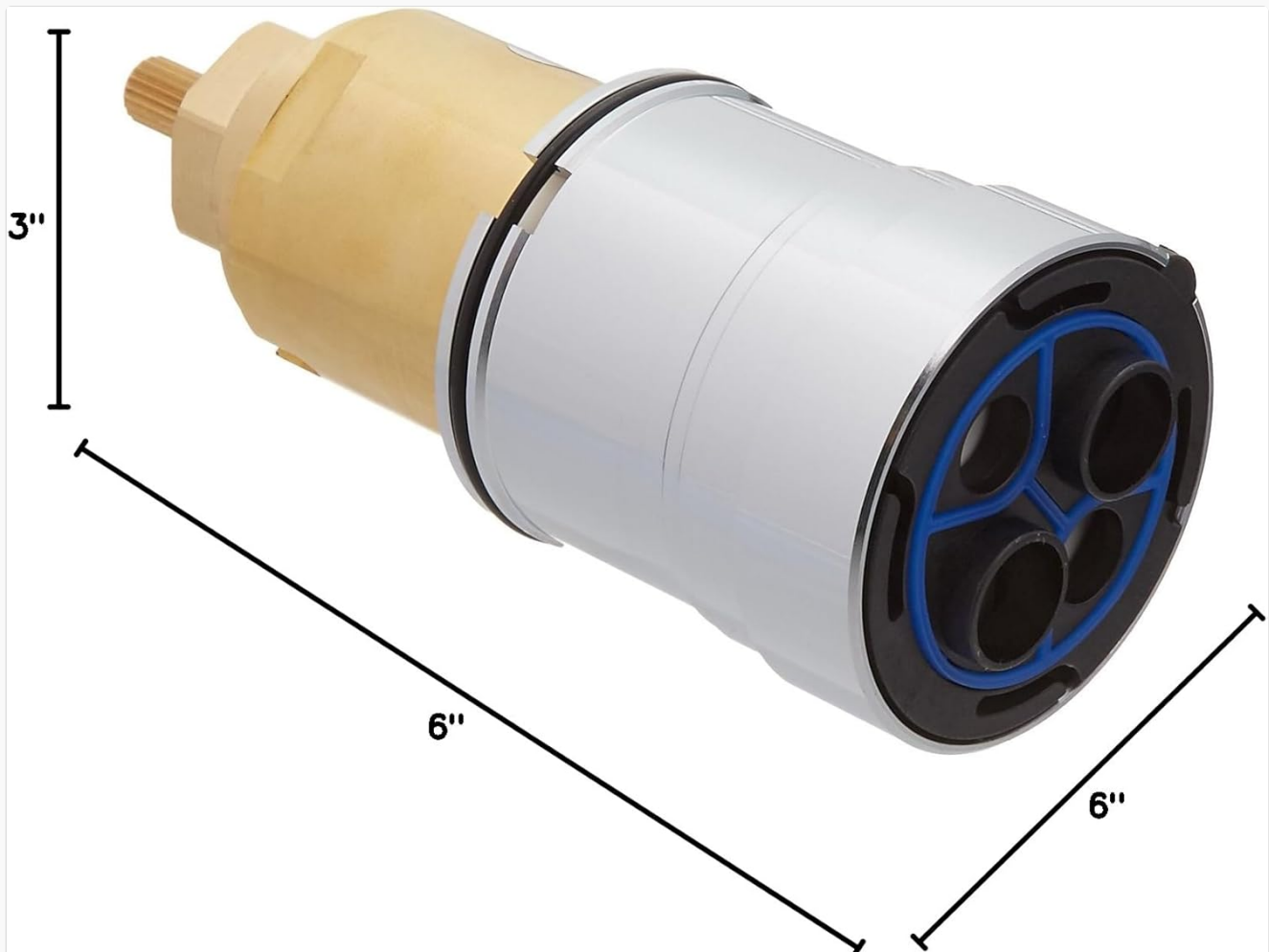


Figure 3: Dimensions of the hansgrohe 88586000 Balance Cartridge.

9. WARRANTY AND SUPPORT

For specific warranty information regarding your hansgrohe 88586000 Balance Cartridge, please refer to the documentation provided with your original faucet purchase or visit the official hansgrohe website. For technical support or further assistance, please contact hansgrohe customer service directly.

You can find contact information and additional resources on the official hansgrohe website: www.hansgrohe-usa.com

