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Model: 94282000

PRODUCT OVERVIEW

The hansgrohe 94282000 3/4-Inch Thermostatic Cartridge is a precision component designed for use in hansgrohe faucets and shower systems. This cartridge is crucial for maintaining consistent water temperature, ensuring a comfortable and reliable water flow. It is constructed from brass and engineered for durability and performance.



Image: The hansgrohe 94282000 3/4-Inch Thermostatic Cartridge, a brass component for temperature regulation.

Key features include:

- **Consistent Performance:** Engineered to deliver stable water temperature for your bath needs.
- **Durable Construction:** Built to last and designed to match hansgrohe finishes.
- **Quality Material:** Made from brass for reliability.

SETUP AND INSTALLATION

Installation of the hansgrohe 94282000 Thermostatic Cartridge requires careful attention to plumbing codes and best practices. It is recommended that a licensed plumber install this product to ensure proper function and compliance with all local, state, and federal plumbing regulations.

Pre-Installation Checks:

- Ensure the main water supply to the fixture is turned off before beginning any work.
- Verify that the cartridge is compatible with your specific hansgrohe faucet or shower system.
- Gather necessary tools, which may include wrenches, screwdrivers, and plumbing grease.

Installation Steps:

1. Carefully remove the existing faucet handle and trim to expose the valve body.
2. If available, utilize the petcocks within the valve body to shut off water flow directly to the valve, preventing the need to turn off the main house supply.
3. Unscrew and remove the old thermostatic cartridge. Note its orientation for correct installation of the new part.
4. Apply a thin coating of silicone plumbing grease to the O-rings of the new hansgrohe 94282000 cartridge. Avoid applying grease to the intake screens.
5. Insert the new cartridge into the valve body, ensuring it seats correctly.
6. Secure the cartridge by tightening any retaining nuts or screws.
7. Gradually restore water supply and check for leaks before reattaching the trim and handle.

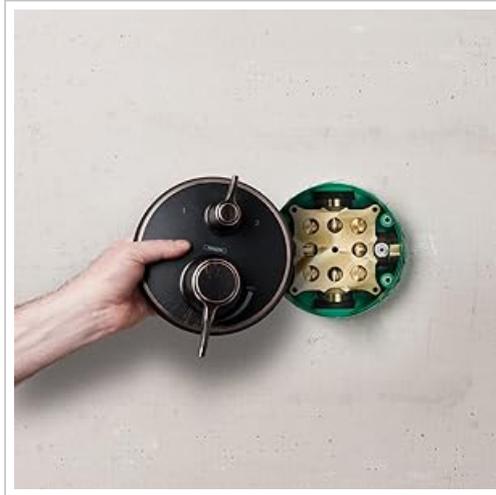


Image: A hand removing a faucet control panel, revealing the wall-mounted valve where the cartridge is located.

OPERATING INSTRUCTIONS

The hansgrohe 94282000 Thermostatic Cartridge functions internally within your faucet or shower system to regulate water temperature. Its operation is automatic, responding to changes in water pressure and temperature to maintain your desired setting.

To operate your faucet or shower, refer to the specific user manual provided with your hansgrohe fixture. The cartridge ensures that the temperature you select via the fixture's handle remains consistent throughout your use.

MAINTENANCE

Regular maintenance helps prolong the life and efficiency of your thermostatic cartridge and overall faucet system. Hard water can lead to mineral build-up, affecting performance.

Cleaning the Aerator:

Hansgrohe faucets often feature a silicone aerator designed to optimize water flow and resist mineral deposit build-up. This aerator can typically be wiped clean easily to maintain optimal performance.

Addressing Mineral Build-up:

- If you experience reduced water flow or inconsistent temperature, mineral deposits may be affecting the cartridge or other internal components.
- For severe build-up, specialized cleaning solutions (e.g., CLR) can be used. Always follow the cleaner's instructions and ensure it is safe for plumbing components.

- Consider periodically removing the faucet handle and cleaning the exposed parts to prevent excessive mineral accumulation, especially in hard water areas.

TROUBLESHOOTING

If you encounter issues with your hansgrohe faucet or shower system, the thermostatic cartridge may be a contributing factor. Here are some common problems and potential solutions:

Inconsistent Water Temperature:

- **Symptom:** Water temperature fluctuates or does not reach desired hotness/coldness.
- **Possible Cause:** Mineral build-up within the thermostatic cartridge or a worn-out cartridge.
- **Solution:** Clean the cartridge as described in the Maintenance section. If the problem persists, the cartridge may need replacement.

Reduced Water Flow:

- **Symptom:** Water pressure from the faucet or shower is lower than usual.
- **Possible Cause:** Clogged aerator or mineral deposits restricting flow within the cartridge.
- **Solution:** Clean the aerator and inspect the cartridge for obstructions.

Leaking Faucet:

- **Symptom:** Water drips or leaks from the faucet.
- **Possible Cause:** While the thermostatic cartridge regulates temperature, leaks are often caused by the separate volume control cartridge or worn O-rings.
- **Solution:** Inspect all cartridges and O-rings. If replacing the thermostatic cartridge, consider replacing the volume control cartridge simultaneously for comprehensive repair.

If troubleshooting steps do not resolve the issue, contact hansgrohe customer support or consult a licensed plumber.

SPECIFICATIONS

Model Number:	94282000
Material:	Brass
Item Dimensions (L x W x H):	3.39 x 1.38 x 1.38 inches
Item Weight:	2.77 ounces
Inlet Connection Type:	Compression
Outlet Connection Type:	Compression
Number of Ports:	2
Outlet Connection Size:	0.75 Inches
Certifications:	WRAS, WaterSense

WARRANTY INFORMATION

All hansgrohe products, including the 94282000 Thermostatic Cartridge, are covered by a **Limited Lifetime Consumer Warranty**. This warranty is applicable to the original purchaser and covers manufacturing defects under normal use and service.

For detailed terms and conditions of the warranty, please refer to the official hansgrohe warranty documentation or contact customer support.

CUSTOMER SUPPORT

Should you require assistance with installation, troubleshooting, or warranty claims, please contact hansgrohe customer support:

- **Email:** customerservice@hansgrohe.com
- **Phone:** 1 (800) 334-0455
- **Online Store:** Visit the [hansgrohe Store on Amazon](#) for more products and information.