

Franke 3699

Franke 3699 Ceramic Single Lever Faucet Cartridge Instruction Manual

For Single Handle Franke Faucets

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Franke 3699 Ceramic Single Lever Faucet Cartridge. This cartridge is designed for use with specific single-handle Franke faucet models to ensure proper water flow and temperature control. Please read these instructions thoroughly before proceeding with installation or any maintenance.

1.1 Product Compatibility

The Franke 3699 Ceramic Single Lever Faucet Cartridge is compatible with the following Franke single-handle faucet models:

- FF-300
- FF-310
- FF-330
- FF-380
- FF-600
- FF-610
- FF-630
- FF-680
- FF-800
- FF-810
- FF-880
- FF-1200
- FF-1280

Ensure your faucet model is listed above before attempting installation.

2. SAFETY INFORMATION

Always observe the following safety precautions when working with plumbing fixtures:

- **Turn off water supply:** Before beginning any work, locate and turn off the main water supply to the faucet. This typically involves turning off the hot and cold water supply valves located under the sink.
- **Depressurize lines:** After turning off the water supply, open the faucet handle to release any remaining water pressure in the lines.
- **Wear protective gear:** It is recommended to wear safety glasses and gloves to protect against water splashes and sharp edges.
- **Handle with care:** Ceramic cartridges are delicate. Avoid dropping or applying excessive force during handling and installation.
- **Consult a professional:** If you are unsure about any step or encounter difficulties, consult a qualified plumber.

3. INSTALLATION

3.1 Tools Required

- Adjustable wrench or appropriate size hex key/Allen wrench
- Screwdriver (Phillips or flathead, depending on faucet model)
- Pliers (optional, for stubborn nuts)
- Soft cloth or towel
- Flashlight (optional)

3.2 Cartridge Replacement Steps

1. **Prepare the Faucet:**

Turn off the hot and cold water supply valves under the sink. Open the faucet handle to drain any remaining water and relieve pressure. Place a towel in the sink to catch any drips and protect the finish.



Figure 1: Ensure water supply is turned off before proceeding.

2. **Remove the Faucet Handle:**

Depending on your Franke faucet model, the handle may be secured by a set screw (often located on the back or underside of the handle) or simply pull off. Use the appropriate screwdriver or hex key to loosen the set screw, if present. Carefully lift the handle off.



Figure 2: Removing the faucet handle to access internal components.

3. **Remove Decorative Cap/Dome (if applicable):**

Some Franke models may have a decorative cap or dome covering the cartridge. Unscrew or carefully pry this off to expose the cartridge retaining nut.

4. **Unscrew the Cartridge Retaining Nut:**

Using an adjustable wrench, carefully loosen and remove the large brass or plastic retaining nut that holds the cartridge in place. Be gentle to avoid damaging the faucet body.



Figure 3: Loosening the cartridge retaining nut.

5. Remove the Old Cartridge:

Gently pull the old ceramic cartridge straight up and out of the faucet body. It may require a slight twist or wiggle. Note its orientation for correct installation of the new cartridge.



Figure 4: Carefully removing the old cartridge.

6. Clean the Faucet Body:

Inspect the inside of the faucet body for any debris, mineral deposits, or old O-rings. Clean the area thoroughly with a soft cloth. This ensures a proper seal for the new cartridge.

7. Install the New Franke 3699 Cartridge:

Carefully insert the new Franke 3699 Ceramic Single Lever Faucet Cartridge into the faucet body. Ensure it is seated correctly and the alignment pins (if present) match the slots in the faucet body. Do not force it.



Figure 5: Installing the new Franke 3699 Ceramic Cartridge.

8. Reassemble the Faucet:

Replace the cartridge retaining nut and tighten it securely with the adjustable wrench. Do not overtighten. Reattach any decorative caps/domes, and then re-install the faucet handle, securing it with the set screw if applicable.

9. Test the Faucet:

Slowly turn the hot and cold water supply valves back on. Check for any leaks around the faucet base and handle. Operate the faucet handle to ensure smooth movement and proper water flow and temperature control. If leaks occur, re-check the retaining nut tightness and cartridge seating.

4. OPERATION

After successful installation of the Franke 3699 Ceramic Single Lever Faucet Cartridge, the faucet should operate as intended. The single lever controls both water flow and temperature:

- **Water Flow:** Lift the lever upwards to increase water flow. Push it downwards to decrease or stop the flow.
- **Temperature Control:** Move the lever left for hot water and right for cold water. The ceramic discs inside the cartridge precisely mix hot and cold water to achieve the desired temperature.

If the faucet does not operate smoothly or water temperature control is inconsistent, refer to the Troubleshooting section.

5. MAINTENANCE

The Franke 3699 Ceramic Single Lever Faucet Cartridge is designed for durability and minimal maintenance. However, following these guidelines can help prolong its lifespan:

- **Avoid Harsh Cleaners:** Do not use abrasive cleaners, solvents, or harsh chemicals on the faucet or around the cartridge area, as these can damage seals and finishes.
- **Regular Cleaning:** Clean the exterior of the faucet regularly with a soft cloth and mild soap and water to prevent mineral buildup.
- **Water Quality:** In areas with hard water, mineral deposits can accumulate over time. If you notice reduced flow or stiff handle operation, it may indicate mineral buildup within the faucet or cartridge.
- **Leak Detection:** Periodically check for any signs of leaks around the faucet base or handle. Early detection can prevent further damage.

6. TROUBLESHOOTING

If you experience issues after installing the Franke 3699 Ceramic Single Lever Faucet Cartridge, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Faucet Leaks from Spout or Handle Base	- Cartridge not seated correctly. - Retaining nut is loose. - Damaged O-rings or seals (less likely with new cartridge).	- Turn off water, remove handle and retaining nut, re-seat cartridge, and tighten nut securely. - Ensure no debris is preventing a proper seal.
Stiff or Difficult Handle Movement	- Mineral buildup. - Cartridge not properly aligned. - Retaining nut overtightened.	- Disassemble and clean the faucet body and cartridge area. - Ensure cartridge is aligned correctly. - Loosen retaining nut slightly, then re-tighten just enough to prevent leaks.
Inconsistent Water Temperature	- Cartridge not fully engaged or misaligned. - Issue with hot/cold water supply to the faucet.	- Re-check cartridge installation and alignment. - Verify hot and cold water supply valves are fully open.
Reduced Water Flow	- Aerator clogged (not cartridge related, but common). - Debris in water lines or cartridge.	- Remove and clean the faucet aerator. - Flush water lines before installing the new cartridge.

If problems persist after attempting these solutions, contact Franke customer support or a qualified plumber.

7. SPECIFICATIONS

Feature	Detail
Model Number	3699
Brand	Franke
Material	Ceramic
Product Dimensions	4"L x 3"W
Item Weight	5.6 ounces (0.16 Kilograms)
Number of Handles	1 (Single Lever)
Special Feature	Easy to Install
Included Components	Installation Hardware (typically refers to the cartridge itself and any pre-attached seals)

8. WARRANTY & SUPPORT

8.1 Warranty Information

Franke products are manufactured to high-quality standards. For specific warranty details regarding your Franke 3699 Ceramic Single Lever Faucet Cartridge, please refer to the warranty documentation provided with your original faucet purchase or visit the official Franke website. Warranty terms typically cover manufacturing defects under normal use.

8.2 Customer Support

If you require assistance, have questions about installation, or need to report a defect, please contact Franke customer support:

- **Website:** Visit the official Franke website for support resources, FAQs, and contact information. www.franke.com
- **Phone:** Refer to your regional Franke website for local customer service telephone numbers.
- **When contacting support, please have your faucet model number and the Franke 3699 cartridge model number ready.**

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question