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## Kraus FF-100SFS

# KRAUS Purita FF-100SFS Lead-Free Kitchen Water Filter Faucet User Manual

Model: FF-100SFS

## 1. Introduction

Thank you for choosing the KRAUS Purita FF-100SFS Lead-Free Kitchen Water Filter Faucet. This faucet is designed to provide pure, fresh filtered water on demand, complementing your kitchen or bar area. Constructed from 100% lead-free brass, it ensures durability and corrosion resistance. This manual contains important information regarding the installation, operation, and maintenance of your new faucet. Please read it thoroughly before installation and keep it for future reference.




Image 1.1: KRAUS Purita FF-100SFS Faucet. This image displays the complete faucet unit in a spot-free stainless steel finish, highlighting its sleek design and high-arc spout.

## 2. Safety Information

Please observe the following safety precautions during installation and operation:

- Always turn off the main water supply before beginning any plumbing work.
- Wear appropriate personal protective equipment, such as safety glasses, during installation.
- If you are unsure about any part of the installation process, consult a qualified plumber.
- Ensure all connections are secure to prevent leaks.
- Do not use harsh chemicals or abrasive cleaners on the faucet finish.

## 3. Package Contents

Verify that all components are present before beginning installation:

- KRAUS Purita FF-100SFS Faucet Body
- Mounting Hardware (washer, nut)
- Water Supply Lines (pre-attached)
- Installation Manual

## 4. Specifications

Key technical specifications for the KRAUS Purita FF-100SFS Faucet:

| | |
|---|---|
| **Brand** | Kraus |
| **Model Name** | Purita |
| **Model Number** | FF-100SFS |
| **Material** | Brass |
| **Finish Type** | Spot Free Stainless Steel |
| **Mounting Type** | Deck Mount |
| **Installation Type** | Single Hole |
| **Number of Handles** | 1 |
| **Maximum Flow Rate** | 1.0 Gallons Per Minute (GPM) |
| **Spout Height** | 8.38 Inches |
| **Spout Reach** | 6 Inches |
| **Special Features** | Lead Free, ADA Compliant |




Image 4.1: Faucet Dimensions. This diagram illustrates the key measurements of the faucet, including its 12-inch height, 8 3/8-inch aerator clearance, and 6-inch spout reach, crucial for installation planning.




Image 4.2: Faucet Features. This graphic highlights the main features of the FF-100SFS model, such as its single handle, water filter compatibility, drip-free ceramic cartridge, single-hole installation, and ADA-compliant design.

## 5. Installation

### 5.1. Pre-Installation

- Ensure you have all necessary tools: adjustable wrench, screwdriver, plumber's putty or silicone sealant, and safety glasses.
- Turn off the water supply at the main shut-off valve.
- Clear the area under the sink for easy access.

### 5.2. Mounting the Faucet

1. Insert the faucet body into the single mounting hole on your countertop or sink.
2. From underneath the sink, place the rubber washer, then the metal washer, and finally thread the mounting nut onto the faucet shank.
3. Tighten the mounting nut securely with an adjustable wrench, ensuring the faucet is properly aligned.

### 5.3. Connecting Water Lines

1. Connect the pre-attached water supply lines from the faucet to your cold water supply valve. This faucet is designed for cold water only.
2. Ensure connections are hand-tight, then use an adjustable wrench to tighten an additional quarter turn. Do not overtighten.
3. The Purita faucet is compatible with various under-counter water filtration systems (e.g., Reverse Osmosis, Alkaline Ionizer, Activated Carbon, UV Filters), which are sold separately. Connect the faucet's water line to the output of your chosen filtration system according to the filter system's instructions.

### 5.4. Post-Installation

1. Slowly turn on the main water supply.
2. Check for any leaks at all connection points. Tighten if necessary.
3. Flush the faucet for a few minutes to clear any debris from the lines.




Image 5.1: Purita Faucet in Use. This image shows the Purita faucet installed alongside a main kitchen faucet, demonstrating its integration with an under-counter filtration system (not included) to provide filtered water.

## 6. Operation

The KRAUS Purita FF-100SFS Faucet is designed for simple and efficient use:

- **Single Handle Control:** The faucet features a single handle for quick and easy control of cold water flow. Move the handle to turn the water on or off.
- **High-Arc Spout:** The high-arc gooseneck spout is ideal for filling glasses, pots, and reusable water bottles.
- **360-Degree Swivel:** The spout rotates 360 degrees, providing complete sink access and flexibility for various tasks.



Image 6.1: Faucet in Operation. A hand holds a glass under the Purita faucet as it dispenses filtered water, illustrating its practical use for drinking water.

## 7. Maintenance and Cleaning

Proper care will ensure the longevity and appearance of your KRAUS Purita Faucet:

- **Spot-Free Stainless Steel Finish:** The Spot-Free Stainless Steel finish is designed to resist water spots, fading, and fingerprints. This reduces the need for frequent wiping and helps maintain a pristine appearance.
- **General Cleaning:** Clean the faucet regularly with a soft cloth and mild soap. Rinse thoroughly with clean water and dry

with a soft cloth to prevent water spots.

- **Avoid Harsh Cleaners:** Do not use abrasive cleaners, steel wool, or cleaners containing ammonia, bleach, or acids, as these can damage the finish.
- **Ceramic Cartridge:** The premium ceramic cartridge is designed for long-lasting, drip-free performance and typically requires no user maintenance.




Image 7.1: Spot-Free Finish Comparison. This image demonstrates the effectiveness of the all-Brite Spot-Free Stainless Steel finish by comparing it to a standard finish, showing its resistance to water spots and fingerprints.

## 8. Troubleshooting

If you encounter issues with your faucet, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|---|---|---|
| Low Water Flow | Partially closed water supply valve<br>Clogged aerator<br>Issue with filtration system | Ensure water supply valve is fully open.<br>Unscrew and clean the aerator.<br>Consult your filtration system's manual for troubleshooting. |

| | | |
|---|---|---|
| Leaks from Faucet Base | Loose mounting nut<br>Improperly seated O-rings | Tighten the mounting nut under the sink.<br>Ensure O-rings are correctly positioned during installation. |
| Leaks from Handle | Loose cartridge nut<br>Damaged ceramic cartridge | Tighten the cartridge nut (refer to detailed diagrams if available).<br>Contact customer support for a replacement cartridge if damaged. |

## 9. Warranty and Customer Support

KRAUS products are manufactured under the highest quality standards and undergo rigorous testing. Your KRAUS Purita FF-100SFS Faucet is backed by a **Limited Lifetime Warranty**.
This warranty covers defects in material and manufacturing workmanship for the lifetime of the product, under normal residential use. For complete warranty details, please refer to the warranty card included with your product or visit the official Kraus website.
If you require assistance or have any questions regarding your product, please contact Kraus Customer Service:

- **Website:** www.kraususa.com
- **Phone:** Refer to the contact information on the Kraus website or your product packaging.


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