

FS-TFC drinking water faucet

FS-TFC Kitchen Water Filter Faucet Instruction Manual

Model: drinking water faucet | Brand: FS-TFC

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your FS-TFC Kitchen Water Filter Faucet. Please read this manual thoroughly before installation and retain it for future reference. This faucet is designed for use with most Reverse Osmosis (RO) units or other water filtration systems, providing filtered drinking water.



Image 1: Overview of the FS-TFC Kitchen Water Filter Faucet with brushed finish.

2. PRODUCT FEATURES

- Constructed from Food Grade 304 Stainless Steel, alloy, and features a ceramic valve, meeting NSF standards.
- Spout height of 11.25 inches, suitable for filling electric kettles and water pitchers. Designed to resist rust and prevent leaks.
- Easy installation with a 1/4 inch quick fitting for tubing. Compatible with stainless steel sinks or countertops up to 0.8 inches (2cm) thick.
- Single-handle faucet body with a 360° rotation design goose neck spout for flexible use.
- Compatible with various RO units, UF drinking water filters, water purifiers, water softeners, and water electrolysis machines.



Image 2: Key features of the FS-TFC faucet, highlighting material, finish, and functionality.

3. SAFETY INFORMATION

- Always turn off the main water supply before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure all connections are secure to prevent leaks. Do not overtighten plastic components.
- If you are unsure about any step, consult a qualified plumber.
- This faucet is designed for cold water filtered lines only. Do not connect to hot water supply.

4. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- FS-TFC Faucet Body with Goose Neck Spout
- Mounting Hardware (Front Plate, Back Washer, Lock Washer, Wing Nut)
- Quick Fitting for 1/4-inch PE Pipe
- Locking Clip

- Instruction Manual (this document)

5. INSTALLATION INSTRUCTIONS

5.1. Prepare the Installation Area

1. Turn off the main water supply to your home or the specific cold water line where the faucet will be installed.
2. Clear the area under the sink or countertop where the faucet will be mounted.
3. If a hole for the faucet does not exist, drill a hole of appropriate size (approximately 0.4 inches / 10mm diameter) in your sink or countertop. Ensure the surface thickness does not exceed 0.8 inches (2cm).

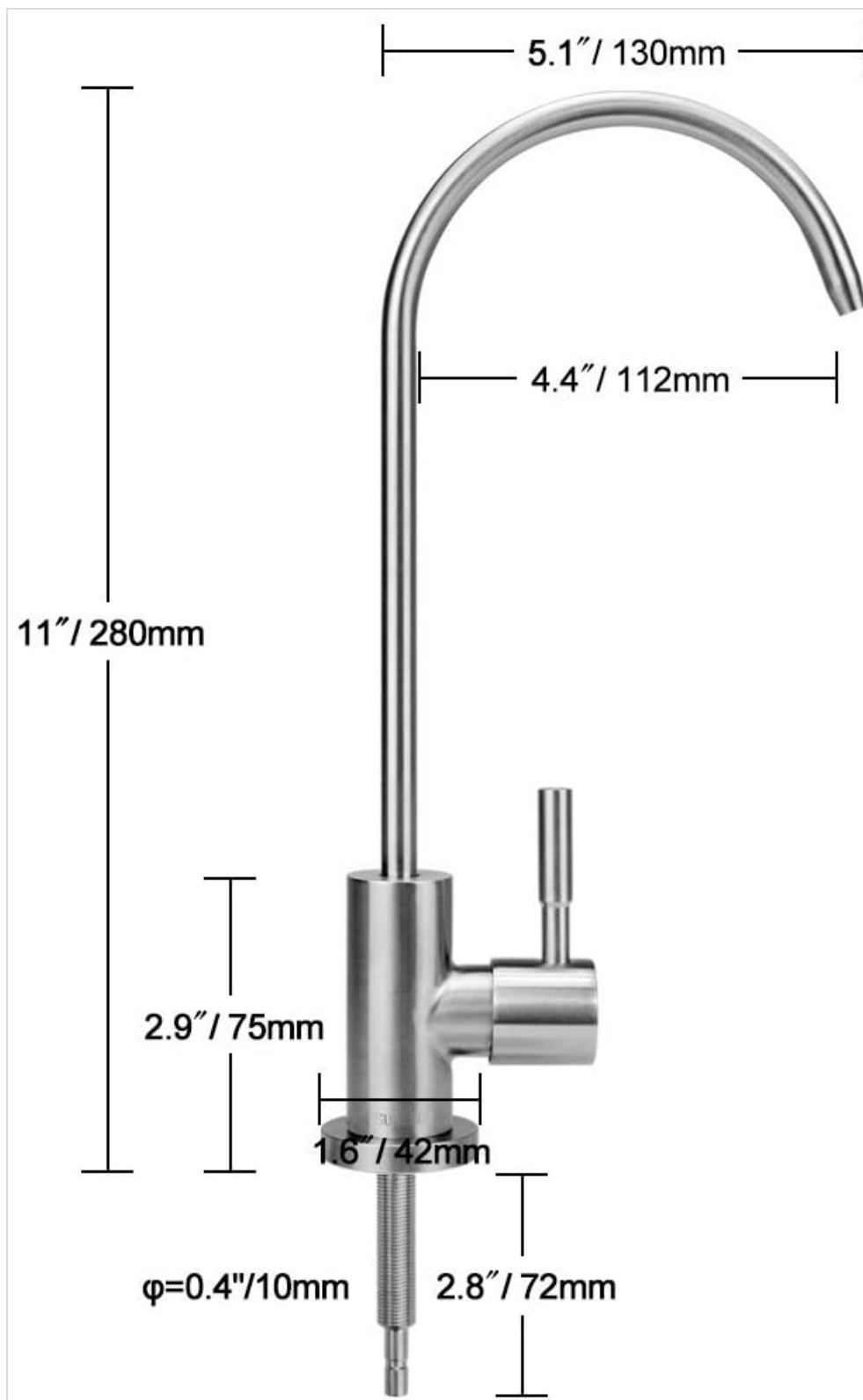


Image 3: Faucet dimensions for installation planning. Spout height is approximately 11.25 inches (280mm).

5.2. Mount the Faucet

1. Insert the threaded shaft of the faucet body through the drilled hole from the top of the sink/countertop.
2. From underneath the sink/countertop, slide the Front Plate, Back Washer, Lock Washer, and Wing Nut onto the threaded shaft in that order.
3. Hand-tighten the Wing Nut, then use a wrench to secure it firmly. Be careful not to overtighten, especially if the countertop material is delicate.



Image 4: Detailed diagram of faucet mounting hardware and water line connection.

5.3. Connect the Water Line

1. Locate the 1/4-inch PE pipe from your RO unit or water filtration system.
2. Insert the end of the 1/4-inch PE pipe into the Quick Fitting attached to the faucet's threaded shaft. Push firmly until it seats completely.
3. Secure the connection by sliding the Locking Clip over the Quick Fitting.
4. Turn on the main water supply and check for any leaks. If leaks occur, ensure all connections are tight.

6. OPERATION

To operate the FS-TFC Kitchen Water Filter Faucet:

- The faucet features a single handle for controlling water flow.
- Lift the handle to turn on the water.
- Lower the handle to turn off the water.
- The goose neck spout can be rotated 360 degrees to direct water flow as needed.



Image 5: The FS-TFC faucet dispensing water into a sink, demonstrating its functionality.

7. MAINTENANCE

- **Cleaning:** Clean the faucet regularly with a soft cloth and mild soap. Avoid abrasive cleaners, harsh chemicals, or scouring pads, as these can damage the brushed finish.
- **Leak Checks:** Periodically inspect all connections for signs of leaks. Tighten connections if necessary, but do not overtighten.
- **Filter Replacement:** This faucet is part of a filtration system. Refer to your water filtration system's manual for instructions on filter replacement schedules and procedures.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Water Leakage from Base	Loose mounting nut or damaged washer.	Ensure the wing nut underneath the sink is securely tightened. Check the condition of the washers and replace if damaged.
Water Leakage from Spout	Internal ceramic valve issue.	Contact customer support for assistance.
Low Water Flow	Clogged filter in the RO unit or filtration system; kinked water line.	Check your filtration system's filter and replace if necessary. Inspect the 1/4-inch PE pipe for kinks or obstructions.
Faucet Does Not Turn On	Water supply is off; connection issue.	Verify that the main water supply is turned on and the connection to the faucet is secure.

9. SPECIFICATIONS

- **Brand:** FS-TFC
- **Model Number:** drinking water faucet
- **Mounting Type:** Deck Mount
- **Finish Type:** SUS304 Stainless Steel (Brushed)
- **Material:** Stainless Steel
- **Number of Handles:** 1
- **Included Components:** Faucet, Mounting Hardware, Quick Fitting
- **Special Feature:** Easy to Install, Lead Free
- **Installation Type:** Single Hole
- **Handle Material:** Stainless Steel
- **Spout Height:** Approximately 11.25 Inches (280mm)
- **Spout Reach:** Approximately 5.5 Inches (130mm)
- **Item Weight:** 1.1 pounds
- **Connection:** 1/4-inch Tube Quick Connect

10. WARRANTY AND SUPPORT

For warranty information or technical support, please contact FS-TFC customer service through the retailer where the product was purchased or visit the official FS-TFC website. Please have your purchase receipt and product model number available when contacting support.