

iSpring FUS15S

iSpring FUS15S Filter Replacement User Manual

Model: FUS15S | Brand: iSpring

1. PRODUCT OVERVIEW

The iSpring FUS15S Filter Replacement is designed for use with iSpring US15SL and US15SD Under Sink Water Filter Systems. This filter utilizes innovative composite filtration media, including CTO, CaSO₃, KDF55, and polyphosphate, to effectively reduce common water contaminants while retaining beneficial minerals. It provides clean, safe, and healthy purified water directly from your tap.

Key Features:

- **Compatible Models:** Specifically designed for iSpring US15SL (ASIN B09MJJMX8G) and US15SD (ASIN B09NCGDWNQ) Under Sink Water Filter Systems.
- **Advanced Filtration:** Employs CTO, CaSO₃, KDF55, and polyphosphate to reduce up to 99% of chlorine, odor, bad taste, heavy metals, and sediment. It also helps prevent scale build-up.
- **Mineral Retention:** This filter does not lower Total Dissolved Solids (TDS), ensuring useful minerals remain in your drinking water.
- **Safe Materials:** Constructed from lead-free and BPA-free materials, ensuring efficient and safe filtration. KDF media helps maintain filter sanitation.
- **Quick Replacement:** Features a twist-and-lock design for tool-free filter replacement in approximately 3 seconds.

2. SAFETY INFORMATION

Before proceeding with installation or maintenance, please read this manual thoroughly. Adhere to all safety warnings and instructions to prevent property damage or injury.

- Always turn off the cold water supply before beginning any installation or filter replacement.
- Release water pressure from the faucet before disconnecting any lines.
- Be prepared to catch residual water with a towel during disconnections.
- Do not overtighten connections, as this may damage components.
- Ensure all O-rings are properly seated to prevent leaks.

- This system is designed for use with cold water only (40-100°F / 4-38°C).
- Operating water pressure should be between 20-100 psi.

3. INSTALLATION GUIDE

The iSpring FUS15S filter is part of the US15/US15S series, designed for under-sink installation. Ensure the space under your sink is clean and clear before starting.

Tools and Parts List:

Before you begin, ensure all parts are included in your package and have the following tools ready:

- Filter Housing (filter pre-installed)
- Housing Wrench
- Mounting Kit
- 1/2" to 3/8" Adapter (if needed)
- Plumber's Tape
- SS Braided Hoses
- Lubricant Grease
- Adjustable Wrench
- Towel/Bucket

The system fits common 3/8 inch and 1/2 inch NPT connections. A convert fitting may be needed if you have a different size connection.

Installation Steps:

1. **Prepare the Area:** Clean out the space under the sink where the filter system will be installed.
2. **Turn Off Water Supply:** Turn off the cold-water supply valve under your sink. Open the kitchen faucet to release any remaining water and pressure in the line.
3. **Disconnect Faucet Line:** Remove the existing faucet cold-water supply line from the angle valve. Be prepared to catch any residual water with a towel.
4. **Connect Inlet Hose to System:** Apply lubricant to the quick connect stem of the 1/2 inch female thread inlet hose. Insert it into the system's water inlet connector (marked 'IN'). Secure the connection by inserting a locking clip.
5. **Connect Outlet Hose to System:** Apply lubricant to the quick connect stem of the 3/8 inch male thread outlet hose. Insert it into the system's water outlet connector (marked 'OUT'). Secure the connection by inserting a locking clip.
6. **Connect System to Angle Valve:** Connect the 1/2 inch female hose (from the system's inlet) to the angle valve. If your angle valve is 3/8 inch, add the included 1/2 inch to 3/8 inch converter to the connection. Use plumber's tape if needed for a secure seal.
7. **Connect System to Faucet:** Connect the 3/8 inch male hose (from the system's outlet) to the faucet cold-water supply line. If your faucet supply line is 1/2 inch, add the included 3/8 inch to 1/2 inch converter to the connection. Use plumber's tape if needed.
8. **Restore Water Supply & Check for Leaks:** Slowly turn on the cold water supply valve. Check all connections for leaks.
9. **Flush the System:** Run cold water from the faucet for at least 5 minutes to flush the system. This removes any carbon fines and air from the filter. Turn off the faucet when finished.

Note on Mounting: Mounting the system to the wall is not required. However, if you choose to mount it, use the included mounting stencil to set the screws. Ensure the system is mounted at least 2 inches above the ground for easier access during future filter replacements.



Figure 1: Assembly and Maintenance Diagram for iSpring US15/US15S Series

Your browser does not support the video tag. Please download the video to view it.

Video: US15 Series Under Sink Water Filter Installation Tutorial. This video provides a visual guide for installing and replacing filters in the iSpring US15/US15S series water filter systems.

4. OPERATING INSTRUCTIONS

Once installed and flushed, your iSpring FUS15S filter system is ready for use. Simply open your cold water faucet to enjoy filtered water for drinking, cooking, and other uses.

5. MAINTENANCE (FILTER REPLACEMENT)

For optimal performance, it is recommended to replace the iSpring FUS15S filter every 12 months (or approximately 1 year) when used with municipal water. Actual replacement frequency may vary based on water quality and usage.

Filter Replacement Steps:

1. **Turn Off Water Supply:** Turn off the cold-water supply valve under your sink. Open the kitchen faucet to release any remaining water and pressure in the line.
2. **Detach Filter Housing:** Twist the filter housing clockwise to detach it from the machine head. Be prepared to catch any residual water with a towel.
3. **Remove Housing Cap:** Use the included housing cap wrench to remove the housing cap by turning it counterclockwise.
4. **Dispose of Old Filter:** Take out and dispose of the expired filter cartridge.
5. **Insert New Filter:** Ensure the O-rings on the new filter cartridge and the housing O-ring are properly seated. Insert the new filter into the housing.
6. **Reinstall Housing Cap:** Reinstall the housing cap and tighten it with the housing wrench. *Do not overtighten*, as this might make future filter replacement difficult.
7. **Reattach Filter Housing:** Twist the housing counterclockwise back onto the machine head until secure.
8. **Restore Water Supply & Check for Leaks:** Slowly turn on the cold water supply valve. Check all connections for leaks.
9. **Flush the New Filter:** Let the water run from the faucet for at least 5 minutes to flush the new filter. This prepares it for optimal performance.



Replacement Cartridge
for US15S

FUS15S

Keep all the minerals



High Capacity
up to 15,000 gallons



Long Lasting
Replace Every 8-12 month



Cost-Saving
Simple and Effective



Eco-Friendly
Minimize Plastic Waste

Reduces:

- Odor
- Taste
- Sediment
- Chemicals
- Heavy Metals
- Organic Compounds

***Does not lower TDS**

Figure 2: iSpring FUS15S Filter Features and Benefits

6. TROUBLESHOOTING

If you encounter any issues with your iSpring FUS15S filter system, please refer to the following common problems and solutions:

• Leaks at Connections:

- Ensure all connections are tightened properly.
- Check for properly seated O-rings.
- Apply plumber's tape to threaded connections if necessary.

• Low Water Flow:

- Check if the cold water supply valve is fully open.
- Ensure the filter is not clogged. If the filter is old or water quality is poor, it may need replacement sooner than recommended.

- Verify that all hoses are not kinked or obstructed.

- **Bad Taste/Odor After Filter Replacement:**

- Ensure the new filter has been thoroughly flushed for at least 5 minutes to remove carbon fines.
- Verify that the filter is correctly installed and sealed.

If problems persist, please contact iSpring Customer Service for assistance.

7. SPECIFICATIONS

Attribute	Specification
Brand	iSpring
Model Name	FUS15S
Product Dimensions	2.5"L x 2.5"W x 10"H
Item Weight	16 ounces
Color	Black
Style	Short Filter
UPC	810004172500
Manufacturer	ispring
Filtration Media	CTO, CaSO3, KDF55, Polyphosphate
Contaminant Reduction	Chlorine, Odor, Bad Taste, Heavy Metals, Sediment, Scale Build-up
TDS Reduction	No (retains beneficial minerals)
Max Service Life	1 year (with municipal water)

8. WARRANTY & SUPPORT

iSpring stands behind its products and is committed to customer satisfaction.

- **Manufacturer Warranty:** This product comes with a 1-year manufacturer warranty. Register online to activate your warranty.
- **Lifetime Technical Support:** Enjoy lifetime free technical support from the U.S. local support team.
- **Contact Us:** If you encounter any problems with your product or have installation-related questions, please reach out to iSpring customer service immediately.

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

you@example.com

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