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› GE FXUSC Whole House Water Filter Instruction Manual

GE FXUSC

GE FXUSC Whole House Water Filter Instruction Manual

Model: FXUSC | Brand: GE

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your GE FXUSC Whole House Water Filter. This filter is designed to provide filtered water throughout your entire home, reducing sediment, sand, and rust. It is compatible with GE Household Filtration System models GXWH04 and GXWH20, and fits most major brands of heavy-duty household filter 10" x 2.5" sumps.

For optimal performance, it is recommended to replace the filter cartridge every three months or after filtering 30,000 gallons of water.



Image 1: GE FXUSC Whole House Water Filter cartridge.

Your browser does not support the video tag.

Video 1: Overview of GE Appliances Whole Home Water Filtration systems, explaining their benefits and types.

2. PRODUCT FEATURES

- **Whole Home Filtration:** Provides filtered water to all taps and appliances in your home.
- **Universal Fit:** Compatible with most 10-inch whole house drop-in style filter systems from major brands, including GE, Culligan, Dupont, Brita, and Whirlpool.
- **Premium Filtration:** Certified to reduce sediment, sand, and rust, protecting your water, appliances, and plumbing fixtures.
- **Filter Life:** Designed for a three-month lifespan or 30,000 gallons, ensuring consistent water quality.
- **Micron Rating:** Filters particles down to 30-50 microns, effectively capturing various impurities.



Image 2: Close-up of the GE FXUSC filter cartridge, highlighting its design.

3. COMPATIBILITY

The GE FXUSC filter cartridge is designed for broad compatibility with various whole house water filtration systems. It is a direct replacement for GE Household Filtration System models GXWH04 and GXWH20. Additionally, it fits most standard 10-inch x 2.5-inch filter sumps from other major brands.

If you are currently using FXWSC or FXWPC water filters, the FXUSC model offers enhanced impurity reduction.



Image 3: Icon indicating universal compatibility.

4. SETUP AND INSTALLATION

Proper installation is crucial for the effective operation of your whole house water filter. It is recommended to install the filter system on the main water line entering your home, after the main shut-off valve and pressure regulator, but before the water heater.

Installation Steps:

1. **Locate Main Water Shut-off:** Identify the main water shut-off valve for your home. This is typically located where the main water line enters the house.
2. **Turn Off Water Supply:** Close the main water shut-off valve to stop the flow of water into your home.
3. **Drain Water Lines:** Open a faucet at the lowest point in your home to drain residual water pressure from the pipes.
4. **Select Installation Location:** Choose a suitable location for the filter system, ensuring easy access for future maintenance.
5. **Pre-assemble Components:** If necessary, pre-assemble the filter housing, shut-off valves, and any required fittings on a mounting board for easier installation.
6. **Cut and Connect Pipes:** Carefully cut into the main water line at the chosen location. Install the filter housing using appropriate fittings (e.g., copper, PEX). Ensure all connections are secure and watertight.
7. **Install Filter Cartridge:** Insert the new GE FXUSC filter cartridge into the clear filter housing.
8. **Restore Water Supply:** Slowly open the main water shut-off valve. Check for leaks around the filter housing and connections.
9. **Flush the System:** Open a cold water faucet in your home and let the water run for several minutes to flush out any air or carbon fines from the new filter.



Image 4: Diagram illustrating the placement of a whole house filtration system within a home's water supply.

Your browser does not support the video tag.

Video 2: A step-by-step guide on installing a whole house water filter system, including preparing the pipes and mounting the unit.

5. OPERATION

Once installed, the GE FXUSC Whole House Water Filter operates continuously to filter all water entering your home. There are no user-adjustable settings for daily operation. Water flows through the filter cartridge, which traps sediment, sand, and rust particles before the water is distributed throughout your plumbing system.

The clear housing allows for visual inspection of the filter cartridge to monitor its condition and determine when replacement is needed.

6. MAINTENANCE (FILTER REPLACEMENT)

Regular filter replacement is essential to maintain optimal water quality and system performance. The GE FXUSC filter should be replaced every three months or after filtering 30,000 gallons, whichever comes first. The actual lifespan may vary depending on your water quality and usage.

Filter Replacement Steps:

1. **Turn Off Water Supply:** Locate the main water shut-off valve or the shut-off valves on either side of the filter housing and turn them off.
2. **Release Pressure:** Press the red pressure release button on top of the filter housing to relieve any built-up pressure.
3. **Unscrew Housing:** Use the provided filter wrench to unscrew the clear filter housing. Place an empty bucket underneath to catch any dripping water.
4. **Remove Old Filter:** Carefully remove the old, dirty filter cartridge from the housing and dispose of it.
5. **Clean Housing:** Clean the inside of the filter housing with warm, soapy water. Rinse thoroughly. Inspect and lubricate the O-ring if necessary.
6. **Insert New Filter:** Place a new GE FXUSC filter cartridge into the housing, ensuring it is seated correctly.
7. **Screw on Housing:** Hand-tighten the clear filter housing back onto the filter head. Use the filter wrench to tighten it an additional 1/4 to 1/2 turn, but do not overtighten.

8. **Restore Water Supply:** Slowly open the water shut-off valve(s) to allow water to flow back into the system. Check for leaks.
9. **Flush System:** Open a cold water faucet and run water for several minutes to flush out air and any loose filter material.



Image 5: A new filter cartridge ready for replacement next to the existing filter housing.

Your browser does not support the video tag.

Video 3: Demonstrates the process of replacing a dirty whole house water filter with a new one, including shutting off water and releasing pressure.

7. TROUBLESHOOTING

If you encounter issues with your GE FXUSC Whole House Water Filter, refer to the following common troubleshooting tips:

- **Reduced Water Flow:** This is often an indication that the filter cartridge is clogged and needs to be replaced. Ensure the main water supply is fully open.
- **Leaks Around Housing:** Check that the filter housing is securely tightened and that the O-ring is properly seated and not

damaged. Lubricate the O-ring with silicone grease if it appears dry.

- **Water Not Filtering (Visible Sediment):** Ensure the filter cartridge is correctly installed and that the system is not in bypass mode (if applicable to your housing).
- **Air in Water Lines:** After filter replacement, air can be trapped in the system. Flush all faucets until the water runs clear and free of air bubbles.

If problems persist, consult a qualified plumber or contact GE customer support.

8. SPECIFICATIONS

Model Number	FXUSC
Brand	GE
Material	Plastic (PolySpun)
Product Dimensions	2"D x 5"W x 9"H
Item Weight	0.53 Pounds
Filter Life	3 months or 30,000 gallons
Micron Rating	30 - 50 microns
External Testing Certification	WQA (Water Quality Association)
Compatible Water Purifier Models	GE GXWH04F, GE GXWH20S

9. WARRANTY

The GE FXUSC Whole House Water Filter is typically covered by a 30-day limited warranty. For specific details regarding your product's warranty coverage, including terms and conditions, please refer to the documentation included with your purchase or visit the official GE Appliances website.

10. SUPPORT

For further assistance, technical support, or to purchase replacement filters, please visit the official GE Appliances website or contact their customer service department. Contact information can usually be found on the product packaging or the manufacturer's website.

You can also refer to the [product page on Amazon](#) for additional resources and customer reviews.

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.

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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.

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