



GREENFIELD
WATER SOLUTIONS

Important Installation Notice

The PureSync Home system is designed for **indoor installation only**. It must be protected from freezing temperatures, direct sunlight, and other environmental exposure. Outdoor installation may lead to system failure or damage and will void the manufacturer's warranty. Please ensure the system is installed in a dry, temperature-controlled space to maintain optimal performance and warranty coverage.



PureSync Home Whole Home 4-Stage Water Filter

Installation and Operating Manual



DISCLAIMER:

Please be advised that Greenfield Water is not responsible for any additional charges that may be incurred due to the failure to detect missing or damaged parts before the plumber's scheduled service. It is the customer's responsibility to verify the completeness and condition of all items upon receipt. This verification step is crucial to avoid unnecessary costs and delays. Should there be any discrepancies, it is imperative to report them to us immediately using the provided contact information. By not performing a thorough inspection before the plumber's arrival, the customer agrees to bear any additional costs associated with the procurement and installation of replacement parts.

For installation or operation questions please call or text **208-462-0626**

IMPORTANT! READ THIS ENTIRE BOOKLET BEFORE BEGINNING INSTALLATION!

Disclaimer: Limitation of Liability for Installation-Related Leaks

At Greenfield Water Solutions, we are committed to offering high-quality, reliable water filtration products that enhance your home's water quality. To ensure the best performance from your system, we ask that you carefully review the following information regarding installation and liability.

Installation Guidance

The PureSync Home 4-Stage Whole House Filtration System is designed to be installed by a licensed plumbing professional to guarantee proper setup and optimal performance. While installation is straightforward, we strongly recommend professional installation to meet all necessary safety standards and plumbing codes. If you have any questions or need guidance, our team is available to assist you.

Customer Responsibility

As the customer, you are responsible for ensuring that the system is properly installed. This includes confirming secure connections and ensuring compatibility with your existing plumbing setup. Greenfield Water Solutions cannot be held liable for leaks, flooding, water damage, or system malfunctions resulting from improper installation.

Consultation and Assistance

Our experienced team is available to provide guidance and answer any installation-related questions. If your product requires additional expertise, we will help you determine the best course of action for the installation process.

Technical Support

If you require technical support after installation, please visit our website and fill out the tech support form. Once submitted, a team member will assist you with any troubleshooting, questions, or concerns you may have about your system.

Warranty Information

Our warranty covers defects in materials and workmanship under normal use. However, the warranty does not extend to issues caused by improper installation, misuse, or failure to follow proper installation procedures. To see our full policies, please visit our website.

By purchasing from Greenfield Water Solutions, you acknowledge and agree to the terms outlined in this limitation of liability. We appreciate your understanding and look forward to providing you with clean, filtered water through our reliable systems.

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INTRODUCTION:

Welcome to your PureSync Home 4-Stage Whole House Filtration System installation manual. This system is designed for municipal (city) water systems and will provide comprehensive contaminant reduction for homes with up to three bathrooms. Please read this manual thoroughly before installation to ensure proper setup and performance.

SPECIFICATIONS:

- System Dimensions: 31" W x 8" D x 30" H
- Designed for homes with up to 3 bathrooms
- Average Pressure Drop: 10-12 PSI
- Operating Temperature: Cold water supply line only

PARTS LIST:

1. 3-Stage 20" Filter Housing (3)
2. 10" Sediment Filter Housing
3. Bracket
4. Mounting Hardware
5. Filter Wrenches (1 small for sediment filter and PureSync Lite, if purchased, 1 large for 20" housings)
6. Corrugated Water Line Connector (1"x1" SharkBite, male/female threaded ends)
7. Lubricant Pack (3)
8. Inline Fittings
 - a. two 1"x3/4" Male Threaded Nipples
 - b. one 1"x1" Male Threaded Nipple
 - c. three Lag Bolts
9. Plumber's Tape
10. Contaminant Filters (3)
11. Sediment Filters (4 total: 1 for installation + 3 replacements)

IMAGES:



1.

For installation or operation questions please call or text **208-462-0626**

Step-By-Step Instructions

Step 1: Preparation

- Turn off the main water supply to the house to ensure no water is running during installation.
- Drain the system by opening taps on all faucets and flushing toilets to relieve pressure in the lines.
- Choose the installation location – The system should be installed near the main water line before any branch lines, ideally in a basement, crawl space, or utility room. Ensure there's enough space for mounting the system and easy access to the filters for future maintenance.

Step 2: Mounting the System

- Secure the system to the wall: Use the provided brackets to mount the system on a sturdy wall. The unit should be positioned level and with enough clearance for filter changes.
- Mark drilling spots: Measure and mark where the screws will go for mounting the brackets. Use a drill to create holes and install the brackets securely.

Step 3: Plumbing Connections

- Install the 10" sediment filter housing: *(The sediment filter housing should be installed inline before the 3-stage main system, where the sediment filter will go. This is the pre-system cartridge that filters out large particles like dirt, sand, and rust before the water enters the 3-stage system.)*
 - Thread the 1"x3/4" male threaded nipple onto both sides of the sediment filter housing. Thread to the right to ensure a secure connection. Spin the nipple to tighten and secure it in place. Use Teflon tape or pipe joint compound on the threads to ensure a tight, leak-free seal.
 - Cut the incoming cold water line: Using a pipe cutter, cut the cold water line where the filter system will be installed. Make sure the cut is clean and square for proper fittings.
 - Use the 1"x1" corrugated water line connector: *(This NSF-certified connector, which features a SharkBite attachment, is designed for easy installation on copper, PEX, or CPVC pipes. It is a push-fit design, so simply cut the line and push the connector onto the pipe.)* You'll be provided with two connectors—one for the inlet and one for the outlet—each for attaching to the system.
 - Connect the inlet to the sediment filter housing: Attach the incoming cold water line to the inlet side of the 10" sediment filter housing using the provided SharkBite connector.
- Connect the outlet to the 3-stage system:
 - After the sediment filter, connect the outlet of the 10" housing to the inlet side of the 3-stage filtration system. Use the provided SharkBite connector for a quick, secure connection, and ensure everything is tightly sealed.
- Install the filters into the 3-stage system in the correct order. For questions about the order of your filters, please call or text 208-462-0626 and a representative will assist you.

Step 4: Leak Check

- Turn the main water supply back on.
- Check for leaks: Go around all connections and fittings to ensure there are no leaks. Tighten any connections that may be loose.
- Test the system: Open a faucet downstream from the system to ensure everything is functioning correctly.

Step 5: Final Setup

- Flush the system: Open at least two taps (or more if needed) and let the water run for 25-30 minutes to flush out any air and debris from the filters and the system.
- Check the water flow: After flushing, make sure water is flowing freely without any noticeable issues.
- Verify system performance: Check for leaks one last time and ensure the system is operating correctly.

Maintenance & Filter Replacement

To ensure optimal performance and the continued delivery of clean, safe water, regular maintenance of your PureSync Home 4-Stage Whole House Filtration System is important. Follow these guidelines to maintain the system and replace filters as needed.

Filter Replacement Schedule

Sediment Filter (Pre-System Stage):

Replacement Frequency: Every 2-3 months

Additional Stages (main system):

Replacement Frequency: Every 6-12 months, depending on usage and water quality

Signs It's Time to Replace Your Filters

Decreased water flow: If you notice a drop in water pressure or slower flow than usual, the filters may be clogged and need replacement.

Unpleasant water taste or odor: If your water's taste or odor begins to degrade, it could indicate that the filters are no longer effective in removing contaminants.

Discoloration or visible debris: If you notice visible particles in your water or the filters appear dirty or discolored, it may be time to replace them.

General Maintenance Tips:

Regularly check for leaks: Inspect all connections for any signs of leaks and tighten fittings if necessary.

Flush the system: Whenever you replace the filters, it's a good idea to flush the system for 15-20 minutes to clear out any air or loose particles.

Monitor water quality: If you experience any significant changes in water quality (e.g., increased cloudiness, foul odor, or discoloration), this could indicate the need for filter replacement.

By following these guidelines, you'll ensure that your PureSync Home 4-Stage Whole House Filtration System continues to provide the highest level of filtration and safe, clean water for your home.

Conclusion

This manual provides a basic overview of the installation and operation of the PureSync Home system. It is important to follow these instructions closely and contact Greenfield Water Solutions with any questions or concerns. Proper installation and maintenance will ensure your family enjoys the benefits of filtered water for years to come.



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