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Please do not discard the shipping box or packaging materials.

If any part of your order arrives damaged, we are only able to file a claim with our shipping insurance provider if we receive a clear photo of the original box showing the damage.

Discarding the box voids shipping insurance coverage.

Thank you for helping us ensure a smooth claims process if needed.

- Greenfield Water Solutions



**GREENFIELD**  
WATER SOLUTIONS

# **PURESYNC AND PURESYNC LITE UNDERSINK FILTRATION SYSTEM**

## INSTALLATION MANUAL



PURESYNC LITE



ORIGINAL PURESYNC



## READ BEFORE INSTALLATION!

### PureSync & PureSync Lite — Support, Warranty & Returns

#### Before You Begin:

- Read the installation instructions thoroughly before starting.**
- Confirm all parts are included using the inventory checklist.**
- Gather any necessary tools.**
- If you are unsure about any step, consult a qualified installer or contact support.**

#### Installation Disclaimer

Installation should be completed by an experienced DIYer or qualified installer. Damage caused by improper handling, installation, freezing, excessive pressure, or outdoor exposure is not covered. Inspect all parts upon receipt before installation.

#### Testing & Performance

Customers may choose to perform comprehensive testing if they wish to confirm performance under their own conditions. For full details on testing, certifications, and our filter adjustment policies, please visit [greenfieldwater.com](https://www.greenfieldwater.com). Filter lifespan may vary depending on water quality and usage.

#### Warranty Coverage

Filter Cartridges — 30-day warranty (defects only).  
System Housing & Components — 5-year limited warranty (materials/workmanship).  
Damage from misuse, freezing, improper installation, or neglect is not covered.

#### Returns & Exchanges

Unused items: Return within 30 days in original packaging for refund (shipping not refundable; restocking fee may apply).  
Used filters: Non-returnable unless defective and reported within 30 days.  
Defective filters: Replaced free of charge within 30 days.

#### Limitations of Liability

Greenfield Water Solutions is not responsible for property damage, livestock loss, or injury resulting from misuse, improper installation, or human error.

Customer Support  
For warranty claims, returns, or technical support:  
[info@greenfieldwater.com](mailto:info@greenfieldwater.com)  
208-462-0626

## Parts and Preparation:

### Inventory Parts Received

1. Instruction sheet
2. Filter housing (assembled, pictured on cover page)
3. Water supply tee connector (3/8" push × 3/8" male compression × 3/8" female compression)
4. Inlet/outlet connector – 1/2" MPT × 3/8" push (pre-installed, not pictured)
5. 3/8" plastic connecting tubing
6. Faucet connector (white plastic) with locking clips
7. Black filter housing wrench (for 3 main stages)
8. Direct-connect kitchen faucet parts
9. Stainless steel spigot with assembly parts
10. In-line flow restrictor
11. Knurled 3/8" push connector
12. Locking clips (colors may vary)
13. White filter housing wrench for top cartridge (not included w/PureSync Lite)



For Support Call 208-462-0626

## Instructions:

**Step 1 - Ensure all the neecessary parts are included before beginning installation. If anything is missing, call 208-462-0626.**

### **Step 2 - Prepare Filter Housing**

1. Attach fittings to Inlet/Outlet - 1/2" mpt x 3/8" push connector - Use teflon tape for threaded fittings.
2. Select a suitable location for the filter housing under the sink. Location should be accessible for filter cleaning and/or replacement.

(NOTE: The flow arrow embossed on the top of the head indicates the filter inlet)

### **Step 3 - Install the Water Supply Tee Connector**

1. Turn off the cold water supply valve under the sink. If there is no valve, turn off the water to your house at the main meter.
2. Open the cold water faucet to let off the pressure. Make sure the valve is off and the faucet is not dripping.
3. Unscrew the nut that holds the cold water supply line into the pipe where you just turned the water off from.
4. Install the Tee Connector onto the exposed threads and tighten. BE CAREFUL NOT TO CROSS THREAD.  
**\*\*Overtightening will crack the plastic threaded push connector fitting.\*\***
5. Screw water faucet supply line back onto the tee connector.

NOTE: Do NOT turn the cold water line back on yet, the water will flow directly out of the tee connector and flood your kitchen.

### **Step 4 - Installing the Inline Flow Restrictor**

1. Identify the appropriate location in your water line where you intend to install the Inline Flow Restrictor. Ensure that there is sufficient space and accessibility for the restrictor.
2. Take note of the flow direction indicated by arrows on the flow restrictor. Ensure that the arrows align with the direction of water flow in your system.
3. Cut the water line at the desired installation point, using a pipe cutter or appropriate cutting tool. Ensure a clean and straight cut.
4. Insert the cut ends of the water line into each end of the Inline Flow Restrictor's Quick Connect fittings. Push the tubing firmly into the fittings until it locks securely in place.
5. Once the connections are made, verify that the tubing is tightly secured and does not leak. If any leaks are detected, recheck the connections and make necessary adjustments.

**For Support Call 208-462-0626**

## Instructions:

### Step 5 (Alternative Option): Direct to Kitchen Faucet Install

If connecting directly to the cold water faucet and not using the provided water dispenser, use the two fittings supplied with your Direct Connect Faucet Kit.

1. A stainless female thread x push connector (Connects to the water supply valve then to filter housing inlet)
2. A brass  $\frac{3}{8}$ " male compression fitting x push connector. (Connects to the cold water faucet to filter housing outlet)

### Step 6 - Install the Accessory Water Dispenser

1. Select a suitable location for the accessory water dispenser as close to the sink as possible allowing convenient space under the sink for assembly. If not using the extra sink hole, drill the sink top with a  $\frac{1}{2}$ " bit to accommodate the inlet pipe.

2. Assemble the water dispenser to the sink top:

- A. Insert the valve through the sink top with the rubber washer underneath the chrome plate on top of sink surface.
- B. Thread lock washer and brass/plastic nut onto the thread assembly underneath the sink and tighten by hand and if necessary, carefully with a wrench.
- C. Attach the push-fit faucet connector directly onto the metal pipe end.

### Step 7 - Install Connecting Tube

Cut two pieces of the  $\frac{3}{8}$ " plastic tubing to fit from the water supply to the inlet of the filter housing and from the outlet of the filter to the water dispenser.

- A. Tubing from water supply to filter housing inlet:
  - a. Insert one end of tubing into outlet push connector of the tee fitting (seat completely into push connector fitting), and insert lock clip.
  - b. Insert other end of tubing into inlet push connector of filter housing (seat completely into push connector fitting), and insert lock clip.
- B. Tubing from filter outlet on top of the housing to the water dispenser.
  - a. Both ends of tubing are to be inserted into the push connectors.
  - b. Insert blue lock clips onto the sleeve of all push connectors.

## Instructions:

### Step 8 - Start-Up

1. Open the tap fully by lifting the lever to its vertical position to allow trapped air and water to flow out of the system.
2. Turn water on at the main inlet of the cold water supply. Water should start flowing out of the faucet once housing has filled with water.
3. Once water begins to flow out of the faucet after air is expelled, turn off water flow and let it stand for 20 minutes.
4. Turn water flow back on and flush the system for 10 minutes.
5. The system is now ready for use. Taste will improve once filters are completely flushed of residual particles.
6. Note and record the date; check the condition of the filter element in about six months, or earlier if flow rate drops off noticeably.

Please Note: As water passes through the new filters, tiny oxygen bubbles will be created causing your water to appear white or "cloudy." This is normal and harmless and will disappear after a few days of use, but may last up to a week. The water is safe to consume after the initial flush and there are no adverse effects.

For a 24 hour period after installation, periodically check your unit to ensure there are no leaks.

### Troubleshooting

1. No flow of water through the system: Check the plastic tubing for kinks, or obstructions.
2. Water leaks:
  - a. At the push fittings: inspect to be sure tubing has been fully sealed into the push connector.
  - b. At the tee connector: insure all fittings are tight.
  - c. At the housing: verify that the housing has been fully tightened.

Rated Service Flows For Filters: 1 gpm or less for optimal filtration.

Maximum Working Pressure: (125 psig) Maximum Working Temperature: 38° C (100° F)

Minimum Operating Pressure: (10 psig) Minimum Operating Temperature: 5° C (41° F)

**For Support Call 208-462-0626**

## **Cleaning and Maintenance**

### **Sanitizing Your Filter Housing:**

1. Turn off water supply to your filter housing and open faucet to relieve pressure.
2. Remove water and filters from the housings and pour a 32 oz bottle of Hydrogen Peroxide 6% solution into filter housing canister and reattach filter housing.
3. Turn on water supply and allow water to run until hydrogen peroxide is at the faucet and then close the faucet and don't use for two to three hours.
4. After two or three hours, open the faucet and thoroughly flush the system of hydrogen peroxide and reinsert filters.

### **Filter Replacements:**

Filters should be replaced every 6-12 months, depending on usage. Replacements can be purchased in a bundle on our website, [www.greenfieldwater.com](http://www.greenfieldwater.com)



## **In-Line Mineralizer (if purchased)**

### Installation Manual



#### **DISCLAIMER ON INSTALLATION AND LIABILITY**

**Greenfield Water Solutions is not liable for any damages caused by improper installation of our systems, whether performed by a customer or a third-party installer, including plumbers. We strongly recommend following our installation guidelines and seeking assistance from our Technical Support Team when necessary. - We will not cover the cost of replacement parts purchased outside the guidance of our Technical Support Team. - In the case of an emergency such as a major leak, a professional plumber should be called immediately. Greenfield Water Solutions is not responsible for any bills incurred due to emergency plumbing services.**

The In-Line Mineralizer 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.

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

Thank you for choosing the In-Line Mineralizer. This installation manual will guide you through the process step by step. Please read the entire guide before starting the installation to ensure a smooth setup

**Requirements:**

- 3/8" water supply line (included either existing on your current undersink system or with purchase of In-Line Mineralizer)

**Installation Steps:**

**Step 1: Preparation**

1. Turn off the water supply to your undersink filter system.
2. Open faucet or spigot to relieve pressure on tubing and system
3. Place a towel or cloth beneath the installation area to catch any water drips.

**Step 2: Identify Installation Point**

1. Choose a suitable location on the water supply line of your undersink filter system for installing the mineralizer.
2. The mineralizer should be set up on the 3/8" tubing *\*after\** the filter stages and *\*before\** the faucet to ensure optimal water quality.

**Step 3: Install Mineralizer**

1. Locate the pre-installed push-connect fittings on the In-Line Mineralizer.
2. Locate the "FLOW" marking with directional arrows printed on the side of the cartridge (near the center), and install the mineralizer so the arrows point from the water source (inlet) toward the destination (outlet).
3. Make a straight cut through the 3/8" tubing and ensure there are no rough edges, ensure the cut is not angled as this will result in leaking from the push connect.
4. Insert the 3/8" water supply line directly into the inlet push-connect fitting until it clicks securely into place.
5. Insert the other end of the mineralizer's outlet side into the water line leading to your faucet. Ensure a firm connection by feeling for the click.
6. Place blue or red safety clips onto each push connect fitting

**Step 4: Turn On Water Supply**

1. Gradually turn on the water supply to your undersink filter system.
2. Check the fittings and connections for any signs of leaks. If you observe any leaks, turn off the water supply and recheck the fittings for proper insertion.

**Step 5: Flushing the System**

1. Run water through the mineralizer and out of the faucet for a few minutes to flush out air bubbles and any loose particles that might have entered during installation. (This step will help prime the mineralizer and ensure its proper functioning.)

**Step 6: Final Check**

1. Once the system has been flushed and there are no leaks, your installation is complete.
2. Keep an eye on the mineralizer over the next few days to ensure that everything is functioning as intended.

Congratulations!

You have successfully installed the In-Line Mineralizer onto your undersink filter system. Enjoy the benefits of mineralized water in your home. If you encounter any issues during installation, please contact 208-462-0626 or email [info@greenfieldwater.com](mailto:info@greenfieldwater.com)



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