

ATTENTION!!!

PLEASE READ THIS FIRST!

1). **Please ensure** the installer follows our installation instructions carefully and completes the included: “**1 Page Installation Checklist**”, this is required for your warranty.

Do your best to verify their work before they leave to ensure everything is working properly and there are no leaks.

We recommend scheduling the installation during our business hours (Mon-Fri 9am-6pm Mountain Standard Time) in case you need to reach us with any issues or questions during the install: **1-347-492-4014**

2). **Don't forget to remove the shrink wrapping from the filter cartridge/s** *(including any cartridges inside the system)* before flushing/using the system.

3). **DO NOT plug the UVLED into the electrical outlet** until everything's installed and there are no leaks. Ensure area and hands are dry before plugging or unplugging it from the electrical outlet.

4). **Add-On Accessories:** If you purchased/included: Please ensure they are installed in following order directly after the cold-water valve:

1st - Pressure Regulator (required)
(Must be installed to keep warranty)

2nd - Leak Stopper (required)
(Must be installed to keep warranty)

3rd - Gallon Meter (optional)

Also, please ensure the area around the Leak-Stopper is dry, else it will activate & shut off the water flow to the system.

5). **The water may be cloudy for apx. 1-2 weeks;** this is a normal effect of the mineral fines being released, and will subside after the 1-2 week adaptation period. The taste of the water should improve further as well.

PureEffectTM ULTRA-UC-DISINFECT (UVLED) INSTALLATION & USER MANUAL

Failure to correctly follow these instructions voids all our warranties and liabilities.

Thank you, and congratulations on your purchase of The PureEffectTM ULTRA-UC-DISINFECT Advanced Filtration System featuring our: *SuperBlockTM* (wide-range chemical/fine sediment filter), *UltraFiltration Membrane* (micro/nano-plastics and bacteria filter), *FluorSorb-MAXTM* (alumina-free fluoride filter), *AntiRad-PlusTM* (radiation & heavy metal filter), *UVLED* Disinfection and Mineral/Alkalinity Preservation Technologies.



CAUTION!

- ⇒ The filter system should never be subject to water pressures greater than 80PSI (*most common PSI range is between 40-80*). Never connect hot water to the filter, as this can damage the system.
- ⇒ Included Pressure Regulator and Leak-Stopper Devices must be properly installed for safety and warranty.
- ⇒ Do not expose the system to direct sunlight, freezing or temperatures above 120F, nor install the system where it would cause damage if leakage occurred.
- ⇒ Do not use with water that is microbiologically unsafe or has not been approved for drinking by the relevant authorities.
- ⇒ Only test water via Independent & ISO Certified labs (e.g., watercheck.com) after 2 weeks have passed (once filter media is adapted) for contaminants of concern to confirm performance with your unique water chemistry.
- ⇒ Use only 110v GFI outlet + appropriate surge protector to power the UV Module under the sink.
- ⇒ Always ensure hands and area are dry before plugging and plugging the UV module from power.
- ⇒ Scan the QR Code on the “Thank You” card that came with the UV Module for its manual.
- ⇒ Maintain the system as per the maintenance instructions on page 7.

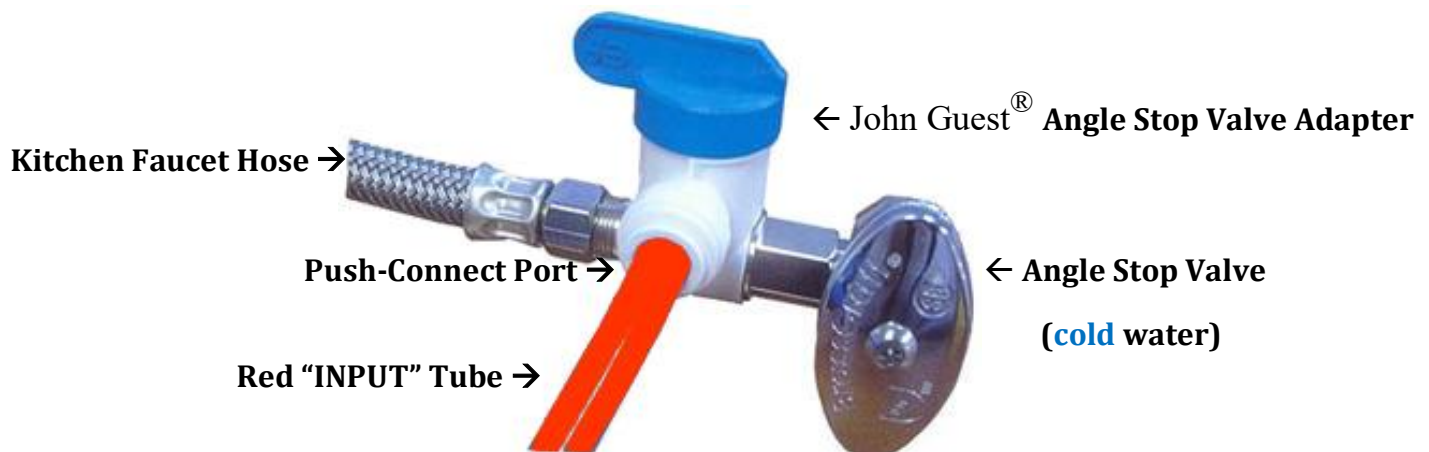
1. ☐ **Unpack** your system, remove and set aside cartridges *(by unscrewing housings)* and inspect system for any transportation damage. If damage is found, please contact us right away.
2. ☐ **Find** the (2) individually wrapped **White Elbows**. Locate the words “IN” and “OUT” on the unit’s water connection ports. Screw 1 of the elbows into the “IN” port and the other elbow into the “OUT” port of the filter system.



(NOTE: The complete installation diagram can be seen on page 5.)

3. ☐ **Turn-Off** the **cold-water supply** via your cold water shut-off valve (**Angle Stop**) and verify it's off by opening the cold-water handle for your kitchen faucet.
4. ☐ **Disconnect** your existing **kitchen faucet hose** from the **cold-water Angle Stop Valve**.
5. ☐ **Connect** our included John Guest[®] **Angle Stop Valve Adapter** to the cold-water **Angle Stop**, see example image below.

NOTE: Although the Angle Stop Valve Adapter is self-sealing applying Plumbers Tape on the threads can add extra protection from leaks.



6. ☐ **Reconnect** your Kitchen Faucet Hose to our John Guest[®] **Angle Stop Valve Adapter**
7. ☐ **Position** unit where you'd like and ensure that the blue output and red water input tubing will adequately reach the unit on the In/Out ports and any accessories (e.g. leak-stopper, pressure regulator, gallon-meter devices).

NOTE: If you hang the unit system under the sink, you will need to hang it at least 4" above floor *(to allow for removal of housings for cartridge changes)*. **However, we recommend you stand the unit on its housings instead of hanging it for easier access/use.**

8. ☐ **Push-in** one end of the **red** tube into the Quick-Connect port of the John Guest[®] Angle Stop Valve Adapter until it "pops-in" as far as it can go & push the other end into the INPUT port of the devices below in the listed order:

First: Pressure Regulator *(required)*

Second: Leak-Stopper *(required)*

Third: Gallon Meter *(optional)*

NOTE: Ensure to follow the flow-direction indicator arrows/wording on each device to ensure the flow is in proper direction.

NOTE: Do not place the leak-detection tablet in the leak-stopper until installation is completed and the area and hands are fully dry. *Ensure to remove shrink wrap from the tablet.*

9. ☐ **Connect** the OUTPUT from the final device in the list above into the INPUT Elbow of the filter system. *(Ensure it pushes in as far as it can go. Install diagram can be seen on page 5).*
10. ☐ **Install** the dedicated filter faucet into the sink (see next page).

FAUCET INSTALLATION INSTRUCTIONS

1. ☐ Use existing spray hose / soap dispenser hole or drill a new 1-1/4" diameter hole in sink. *(If your sink is ceramic, granite or some other fragile material please consult with an expert to avoid cracking it during drilling).*
2. ☐ Connect parts 9-11 to the faucet *above the sink* as shown on diagram to the right and place faucet into the hole.
3. ☐ Connect parts 12-15 to the faucet *below the sink* as shown on diagram to the right, tighten the Locking Nut #14 with a basic wrench.

NOTE: *Hand-Tighten part #15 to avoid damaging it with instruments; Plumber's tape can be added before screwing it on for extra leak-proofing.*

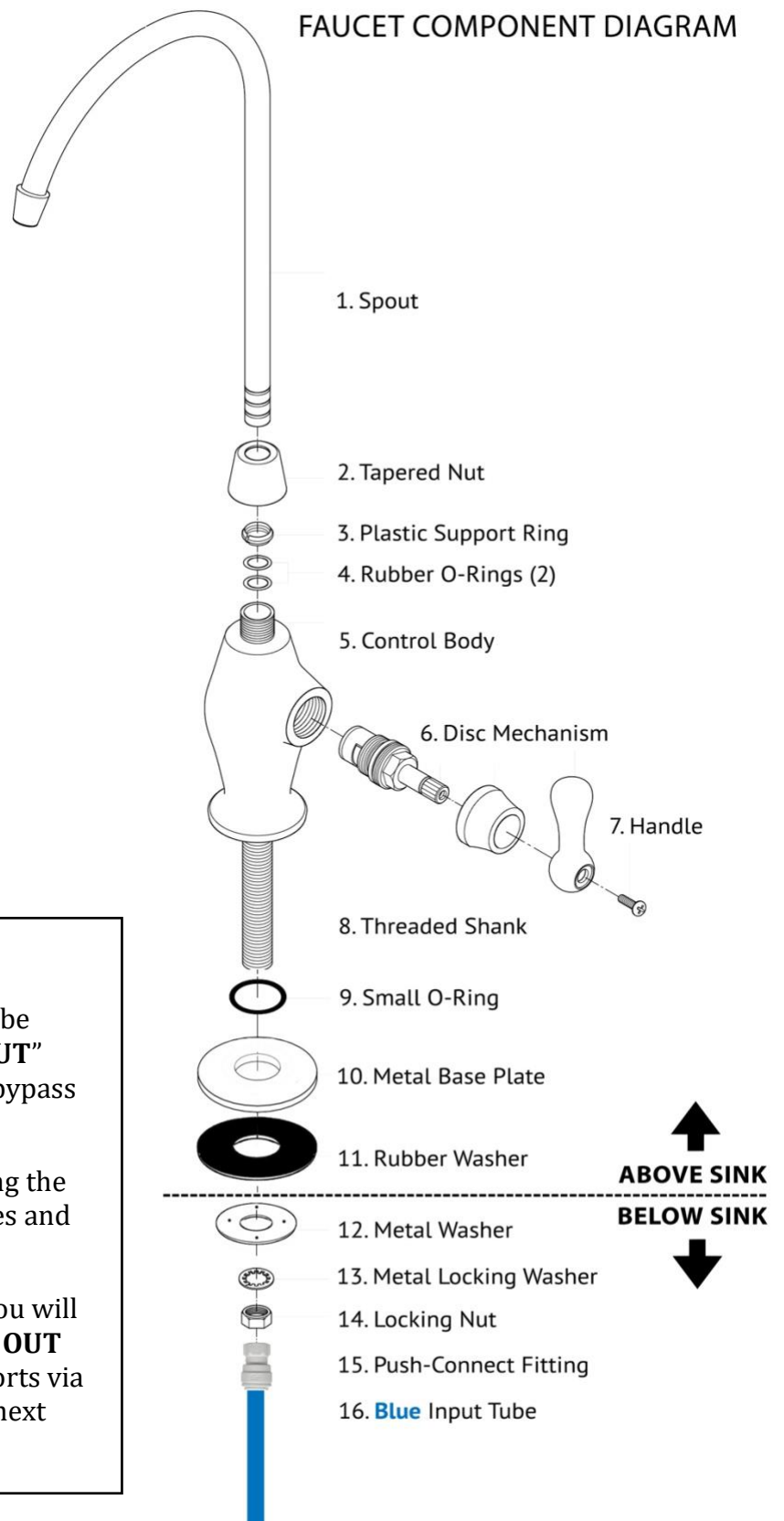
4. ☐ Plug one end of the **BLUE** tube into **Part #15** (Push-Connect Fitting) until it "pops in" as far as it can go; this self-seals the tubing connection.

***ATTENTION!**

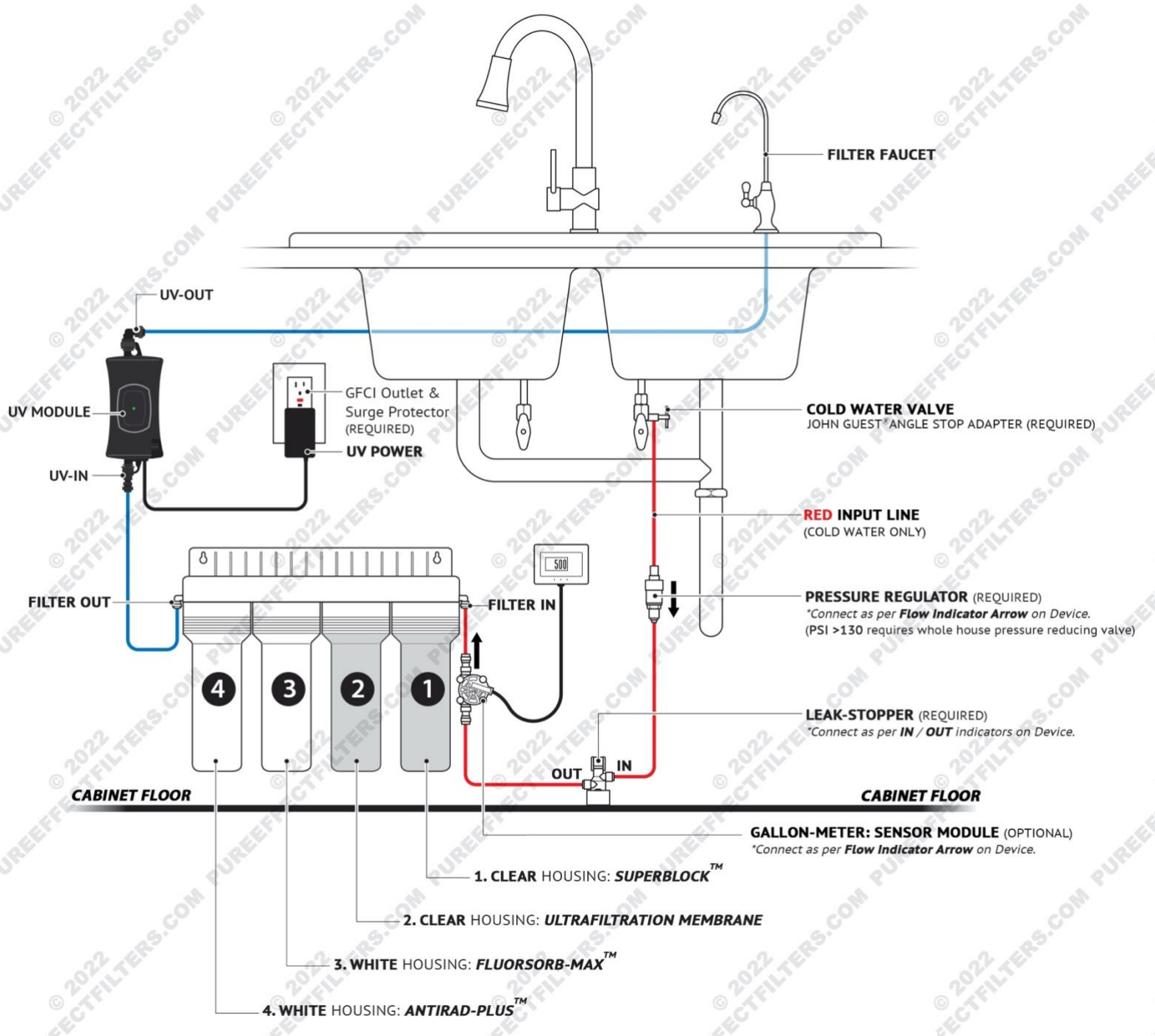
The other end of the **BLUE** tube needs to be temporarily connected to the "**FILTER OUT**" during initial cartridge flush, in order to bypass the UV Module.

This is necessary in order to avoid staining the inside of the UV Module with mineral fines and carbon dust during initial flushing.

Once initial cartridge flush is complete, you will need to connect the **BLUE** tube to the **UV OUT** and connect the **FILTER OUT** to **UV IN** ports via the short white tubing. (see diagram on next page).



UNDERSINK INSTALLATION DIAGRAM

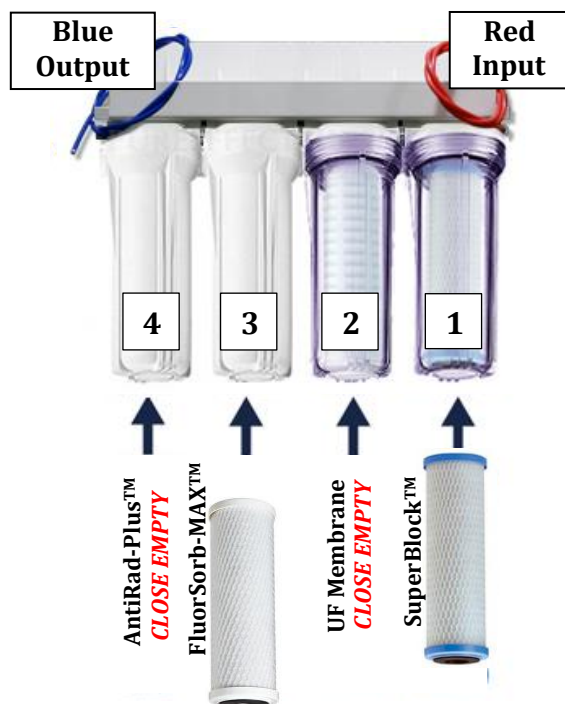


See next page for proper cartridge placement & flush procedure →

CARTRIDGE FLUSH AND SYSTEM LEAK TEST

IMPORTANT! – ENSURE CARTRIDGES ARE INSERTED IN CORRECT ORDER!

Note: You may want to place something under the unit to catch the water which is released when you unscrew the last housing for Step C.



❑ A. **Remove the shrink wrapping** from each cartridge and insert them into the system in the following order and close the housings:

Housing #1 - SuperBlock™

Housing #2 - **Close Empty** for now

Housing #3 – FluorSorb-MAX™

Housing #4 - **Close Empty** for now

NOTE: We recommend to hand tighten the housings when closing to prevent over tightening.

❑ B. Slowly turn the cold-water valve back on, check newly installed faucet and all connections for a watertight seal. Open the filter faucet and let the water run for **5 minutes**.

NOTE: you may hear a slight “hissing” sound when the filter is working; this is normal.

❑ C. **Shut off water supply to filter** and open filter's faucet to release water pressure. **Remove shrink wrapping** and insert the UltraFiltration Membrane into Housings #2 and AntiRad-Plus™ cartridge into Housing #4. Flush the entire system again for **10 additional minutes**.

❑ D. **Shut off water supply to filter** and open the filter's faucet to release water pressure.

Disconnect the **BLUE** tube from **FILTER OUT** and connect it into the top port of the UV Module (**UV-OUT**). Then use another piece of blue tubing to connect from **FILTER OUT** to bottom port of the UV Module (**UV-IN**). Check for leaks: *If there are leaks at input or output ports: ensure that all the tubing is pushed as far as it can go into the fittings on the unit.*

CONGRATULATIONS! - YOUR SYSTEM IS READY FOR USE

THE FILTER SYSTEM IS DESIGNED FOR COOL - COLD WATER USE ONLY.

Note: Water may be cloudy for about 1-2 weeks as the natural minerals in the cartridges adapt, to speed the adaptation period up, turn the system on 10 seconds at a time more often throughout the day. Do not flush for longer periods, as it won't be as effective as the short bursts.

**** To Disconnect the tubing from any connections:**

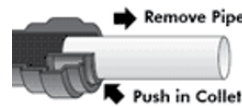


MAINTENANCE FOR OPTIMAL CARE & PERFORMANCE

IMPORTANT NOTES:

1. Always ensure hands and area are dry and unplug UV power adapter from electrical outlet before servicing the system. Don't look directly at the UV light inside UV module.
2. Flush system for 2 minutes when it hasn't been used for >2 days. When system won't be used for >2 weeks: remove cartridges & stand upright in a dish to drain for 10 minutes, then place in individual zip lock bags and into fridge. They can be stored up to 4 weeks this way. Do not freeze.
3. During filter operation you may notice a slight hissing sound, this is a normal effect of water flow within the system and does not interfere with proper filter function.
4. Before opening the housings to replace/remove cartridges or to disconnect any fittings/tubing, make sure to first shut off the unit's main water supply line and open the filter faucet to release water pressure.

To Disconnect the tubing from the elbows:



5. Ensure to protect the floor around the leak-stopper device with a towel to avoid any spilled water getting to it and needlessly triggering it.

MAINTENANCE SCHEDULE:

1. **BI-WEEKLY:** Clean faucet spout with the included faucet brush & run faucet for few seconds.
2. **EVERY 500 GALLONS OR 12 MONTHS** (whichever comes FIRST): Replace [filter cartridges](#).

Don't forget to reset the Gallon-Meter (if purchased) by: pressing display until you're on the gal. or day screen and then press the "reset" button once, it should now be set to 500gal. / 360 day, press display a few times to confirm.

NOTE: During cartridge changes remove cartridges & hand-wash housings using non-toxic dish soap & paper towel, rinse well with warm water. Dry the black rubber O-rings in housings and on the inserted end of the spout and apply thin coat of our [food-grade silicone](#) lubricant (found on our "Parts" webpage).

NOTE: If your Fluoride levels are greater than the federally recommended level of 0.7mg/L, then change the Fluoride cartridge sooner:

- a. Fluoride level: apx. 2.2ppm = Replace Every **150** gallons
- b. Fluoride level: apx. 1.2ppm = Replace Every **300** gallons

3. **EVERY 4 YEARS:** Replace [Pressure Regulator](#) & [Leak-Stopper](#) devices (found on the "Parts" page of our website).
4. **NO MAINTENANCE:** The UV-LED Module is maintenance-free and is designed to last for up to 10 years depending on how often you use the filter, etc.

HAND CLOSE the housings to avoid over-tightening. Use provided wrench to tighten the housings just enough only if they leak after hand tightening, use the wrench to open.

TROUBLESHOOTING GUIDE

1. Water looks cloudy:

Solution: Cloudiness can primarily be the result of 2 harmless causes:

1). When brand new, the cartridges need to adapt for apx. 1-2 weeks; during this period the natural mineral fines from the cartridges can cause cloudiness. To speed up the adaptation, turn on the filter faucet in short 10 second bursts more often throughout the day. These short bursts will work faster and waste less water than running the system for long.

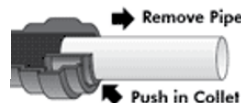
2). If the cloudiness in your cup goes away within apx. 1 minute after you pour it, it's the result of dissolved tiny oxygen bubbles that actually help make the water even fresher. In both cases, the effects are natural, harmless and temporary.

2. Filtered water stopped flowing:

Solution 1: Most likely the Leak-Stopper device under the sink got triggered by some water that spilled or leaked on the cabinet floor. Determine and solve the cause of the leak and replace the leak-detection tablet as per Step 5 of the Leak-Stopper's [Manual](#).

Solution 2: If it's not the Leak-Stopper, check the input/output elbows to ensure nothing is clogging them. This is done by shutting off the main water supply to the system, opening filter faucet to release pressure and confirm water's off, then disconnecting the tubing from each elbow and unscrewing the elbows to look into the other end of them.

To Disconnect the tubing from the elbows:



3. Filtered water flow became significantly slower:

Solution: Note, optimal/normal flow is apx. 8-15 seconds to fill an 8oz cup. If the flow became reasonably slower than that, it most likely means that the first cartridge (SuperBlock™) got blocked by excessive amount of fine sediment/particles. You can confirm this by properly removing the cartridge and closing this housing without it, the flow should significantly improve. Replace it with a new SuperBlock™ cartridge from our [Cartridges](#) page.

4. There is beeping coming from under the sink when I use the filter:

Solution 1: If you have our gallon-meter installed, please check its display when it's beeping. This means either the cartridge life has less than 7 days or 30 gallons remaining (you can confirm by checking the display on the gallon-meter), or if there is a battery icon on the display it means the 2 AA batteries inside need to be replaced.

Solution 2: Check the UVLED Module, if the light on it is blinking red and it's beeping, call us for support.

5. There is some buildup inside the tip of my filter faucet:

Solution: This is primarily caused by a mixture of air, water, minerals in the water and time. The black/grey color is from the harmless carbon residue when you first flush new cartridges. Use the straw brush that came with the filter system every 2 weeks to clean the spout and then let filtered water flow through it a few seconds to flush.

6. There is water leaking from the filter system:

Leak From:

- Where Input/output elbows connect to the system:
- Tubing connection in the ports:
- Seam in between housing and top cap:
- Faucet when it's turned off (constant drip):
- Hex connector between the housings:

Solution:

- Screw them in a bit more clockwise.
- Ensure tubing is fully pushed in.
- Use wrench to tighten housing. Check black O-ring inside the housing is not missing or damaged. Check rubber gasket from old cartridge didn't get left behind.
- Faucet needs to be replaced.
- Contact us for repair arrangement.

RETURN / EXCHANGE POLICY

1. If the filter arrives damaged, please call us immediately to arrange a refund or exchange.
2. If you choose to return the filter for any reason other than damage upon arrival, we will be happy to issue a full purchase price refund or exchange within **30 days of delivery date, minus shipping cost we incurred. The return policy applies to our water filter systems, parts and any unused (original shrink wrapped) filter cartridges.** If the filter cartridges have been opened (shrink wrap removed) and/or used, we will deduct the price of the cartridges from the refund as they will no longer be re-sellable.

Regarding returns of filter faucets for non-defect reasons, e.g., changed mind on color/style; the faucets should not have been installed/used in order to qualify for a return/refund.

Please ensure the product is returned sufficiently packaged to protect from shipping damage, else, damage during shipping may not qualify under shipping guidelines for an insurance claim and you may receive a refund less the damaged item/s as a result. We recommend to simply re-use the existing packaging materials the system came with if they are in good condition.

Once you've experienced your new system, feel free to share your positive experience by going to our website product page and writing a review. ☺ Thank You! - The PureEffect Team



NO-HASSLE 2-YEAR WARRANTY

*PureEffectFilters LLC dba PureEffectFilters.com, warrants its water filter systems to be free of defects in parts and workmanship for a period of: **two (2) years** from the date of purchase.*

All our systems are made of high-quality components and are designed to last for many years beyond the warranty period, but if any manufacturing defect is present, it should make itself know well within the warranty period.

*In the rare case that it should become necessary to repair or replace the filtration system or one of its components, please take a photo of the damaged part and email it along with your order # and a detailed description of the defect to: **info@PureEffectFilters.com** or contact our Customer Service Department at: **1-888-891-4821**. We will handle your claim promptly and as hassle-free as possible.*

This warranty does not apply to any problems or damage arising from non-residential/commercial use, user error, misuse, accidents, improper installation/usage, power surges (for electrical components), operation outside of specifications (e.g., over the indicated PSI limit, exposure to direct sunlight, freezing temps, etc.), improper maintenance or repair and/or unauthorized modification/use of third-party parts not approved by us in writing.

International orders are included in this warranty, excluding any shipping costs.

PureEffectFilters LLC total liability is limited solely to repair or replacement of the product. The warranty set forth above is inclusive and no other warranty, whether written or oral, is expressed or implied.