



**Customer Support:**

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**Thank you, and Congratulations** on your purchase of **The PureEffect™ ULTRA-UC-DISINFECT** Advanced **WELL-WATER** Water Filtration System Featuring: Our High-Potency UV Disinfection, UltraFiltration Membrane, FluorSorb-MAX™ (Fluoride Filter), AntiRad-Plus™ (Radiation Filter), SuperBlock™ (Wide-Range Chemical/Sediment Filter), KDF55® (Heavy Metal Filter) and Natural Alkalization Technologies.

### **IMPORTANT PRE-INSTALLATION PRECAUTIONS & WARNINGS**

**PLEASE READ AND FOLLOW THIS BEFORE INSTALLING/USING THE SYSTEM**

**Failure to follow proper installation instructions voids all warranties and liabilities.**

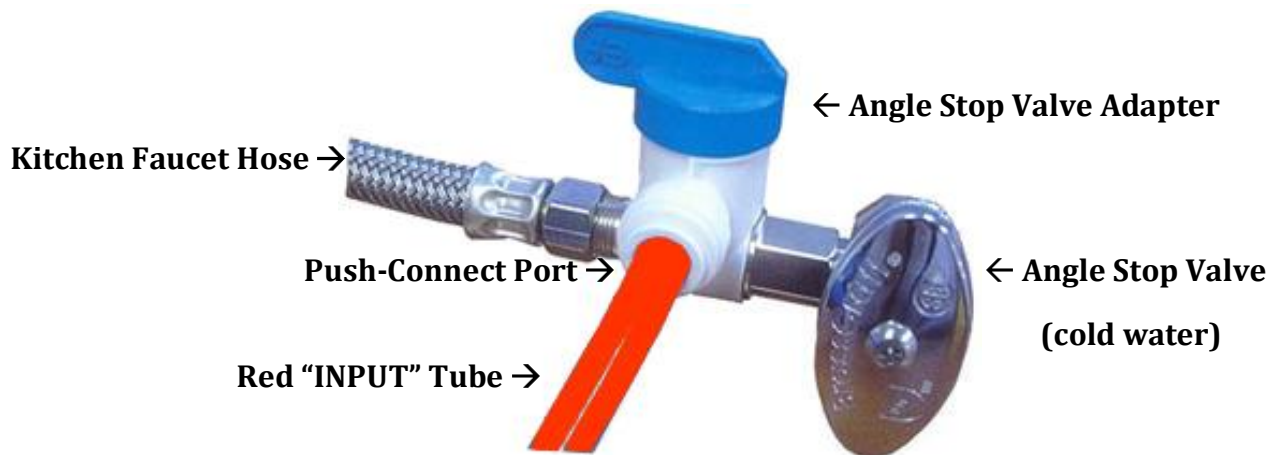
- **Do not Discard these instructions; please save them for later use/reference.**
- **If your PSI is over 80 and/or has a tendency to Spike: please ensure there is a pressure regulator installed and is in proper working order before proceeding. **At no time should the filter housings be subject to more than 80PSI** (most common PSI range is between 40-80). You should contact a licensed plumber if you are not able to check this on your own. Excessive water pressure could cause damage to the system and water to leak out. **Included Leak-Stopper MUST be properly installed** to maintain warranty.**
- **Ensure that a licensed and insured electrician installs a GFCI (outlet with test/reset buttons) outlet to power the UV under the sink or purchase an adapter on Amazon, search for item#: 14650006-6. Also, a surge protector (e.g. Belkin SurgePlus) is recommended to protect the device. **Avoid using non-grounded and non-GFCI outlets (outlets with functional test/reset buttons). The UV is designed for US voltage (110volts), use proper transformer otherwise.****
- **Always ensure your hands and the area around the system, outlet and power cord/supply are dry, unplug the power from the system BEFORE servicing it. (Do not yank the power cord out by the cord). Keep access to this system out of reach of children.**
- **Do not operate the UV light if has been dropped, or if there is any damage to the UV power supply, cord, housing, bulb, glass bulb sleeve and/or connections.**
- **Inspect the Glass Sleeve inside the Stainless-Steel UV housing** before usage, ensure there are no cracks or damage to it. If so, do not use the system and contact us right away.
- **Do not turn on the system without first properly connecting the lightbulb into the housing and PIN connector. Avoid looking at or touching the UV Lightbulb directly when it is operating.**
- **The system should be installed where it is protected from freezing temperatures, the elements and direct sunlight. Do not install the system where it would cause damage if leakage occurred.**

## INSTALLATION INSTRUCTIONS

1.  Unpack and inspect system, parts and cartridges for any transportation damage. If damage is found, please contact us right away.
2.  Find the (2) **White Plastic Elbows** among the parts. Locate the words “**IN**” and “**OUT**” on the unit’s water input/out ports, and screw these elbows in.



3.  Turn-Off Cold water supply via your Cold Water Shut-Off Valve (**Angle Stop**) and verify it’s off by opening the cold water on your faucet.
4.  Disconnect your existing connection (e.g. **Kitchen Faucet Hose**) from the **cold-water Angle Stop**.
5.  Connect our included John Guest<sup>®</sup> **Angle Stop Valve Adapter** to the cold-water **Angle Stop**, see example pictured below. *Note: Although the Adapter is self-sealing applying Plumbers Tape on the threads can add extra protection from leaks.*



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



(NOTE: The full Installation Diagram can be seen on page 5.)

6.  Reconnect your **Kitchen Faucet Hose** to our John Guest<sup>®</sup> **Angle Stop Valve Adapter**
7.  Position unit where you'd like, and ensure that the blue output and red input tubing will adequately reach the unit on the In/Out sides. Hang the filter system under the sink at least 4" above floor (*to allow for removal of chambers for cartridge changes*). You may also stand the unit on itself if you don't wish to hang it.

➤ If you purchased our 1. Pressure Regulator 2. Leak-Stopper or 3. \*Gallon Meter: Connect the red tube to these first in the order they are listed here before connecting to filter INPUT. Ensure to follow the flow-direction indicator arrows on each device to ensure the flow is in proper direction.

**\*Setting Gallon Meter:** Please see instructions included with it.

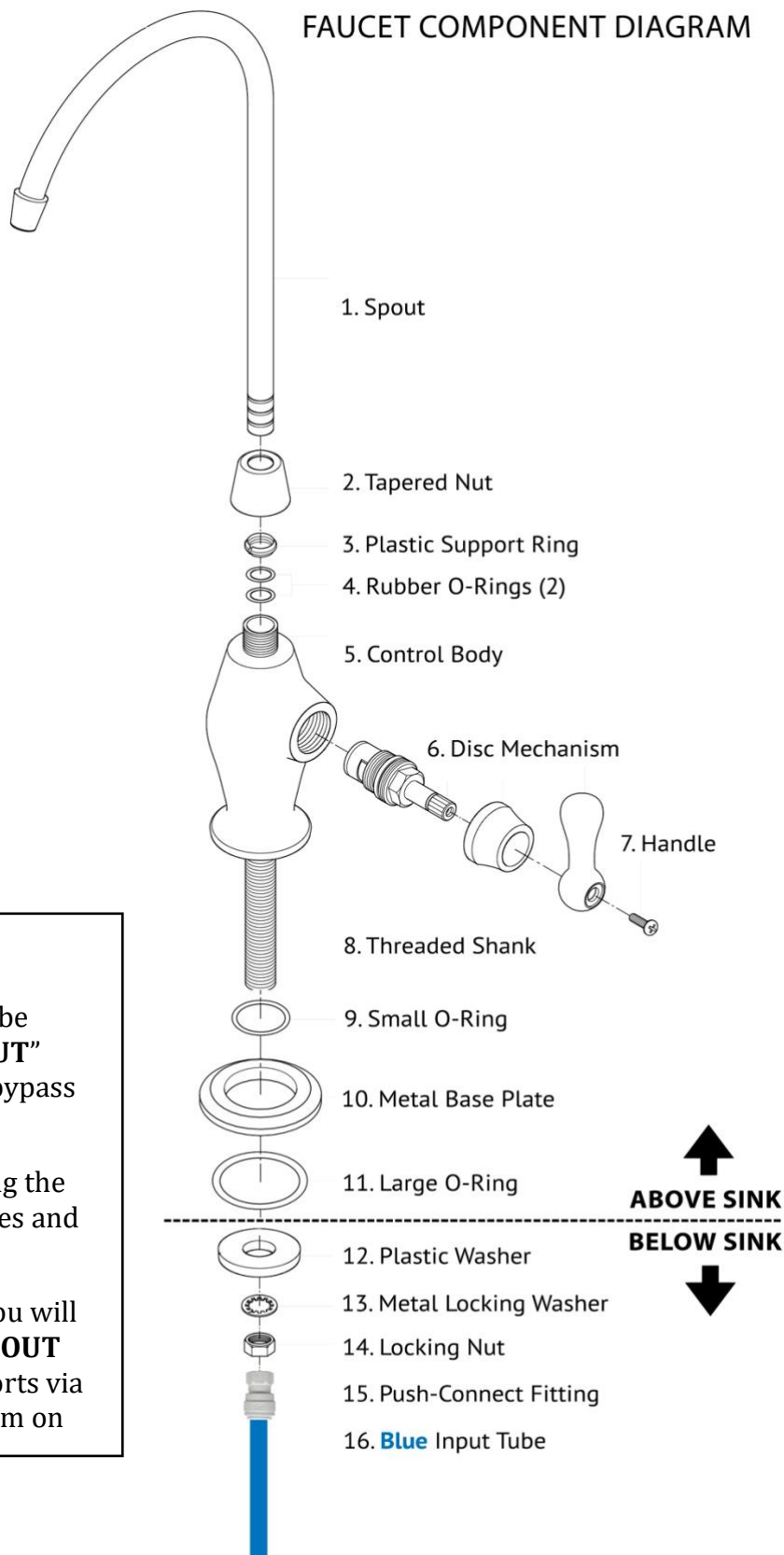
8.  Push-in one end of the **Red** tube into the Push-Connect port of the John Guest<sup>®</sup> **Angle Stop Valve Adapter** until it "pops-in" as far as it can go & push the other end into the **INPUT** of the Leak-Protector (included w/separate instructions). Then, connect the **OUTPUT** from the Leak-Protector into the **Input Elbow** of the filter system (*please ensure it pushes in as far as it can go*). (Diagram can be seen on page 5)

*(If additional filtered water output connections are desired, e.g. fridge-water Supply/Ice-maker connections, etc... ask us about adding a 2-way Output splitter to your UV OUT port).*

9.  Install the provided dedicated faucet into the sink. (See instructions on next page).

## FAUCET INSTALLATION INSTRUCTIONS

1.  Use existing spray hose / soap dispenser hole or drill a new 1-3/8" 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.  **Place faucet into the hole and** connect parts **9-11** to the faucet *above the sink* as shown on diagram to the right.
3.  Connect parts **12-15** to the faucet *below the sink* as shown on diagram to the right and tighten the locking nut with a wrench.
4.  Hand-Tighten part **#15** to avoid damaging it with instruments). Plumbers tape can be added before screwing it on for extra leak proofing.
5.  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.



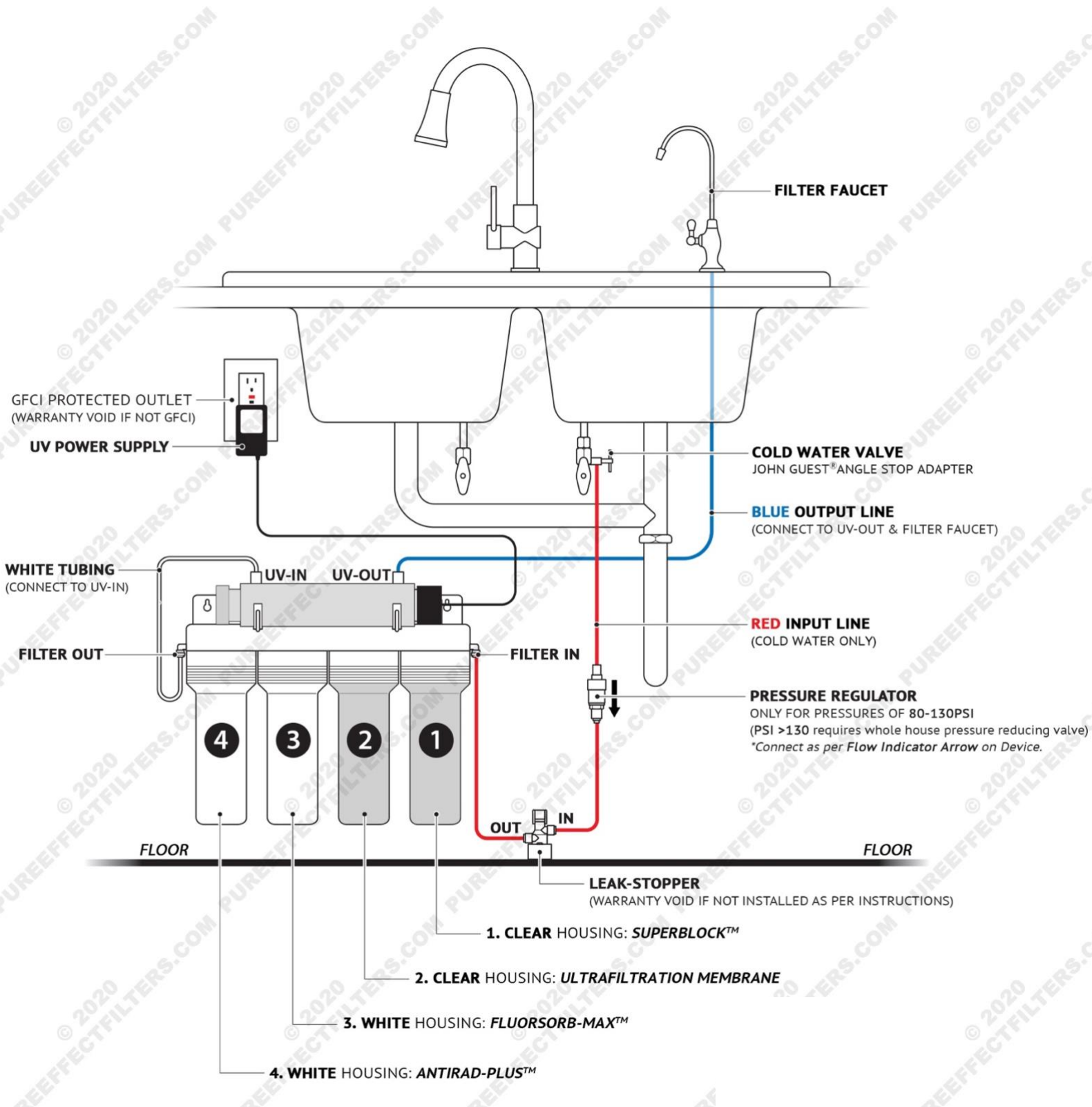
### \*ATTENTION!

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 Stainless-Steel UV Housing.

This is necessary in order to avoid staining the inside of the UV Housing 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. (shown on diagram on

# UNDERSINK INSTALLATION DIAGRAM

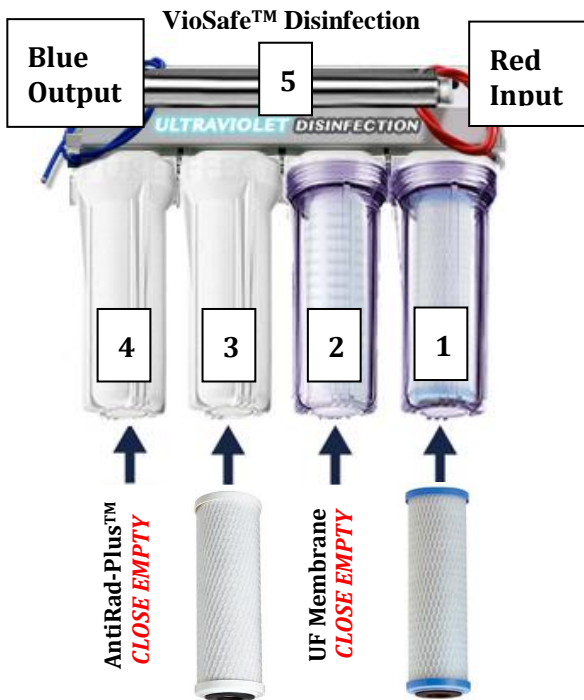


**See Next Page for Proper Cartridge Placement & Flush Procedure →**

## CARTRIDGE INSTALLATION FLUSH AND SYSTEM LEAK TEST

### □A. Unpack and Install UV Light Bulb into the Stainless-Steel Housing Chamber #5:

1. Remove oil residues from fingers before handling bulb. Please take care not to break bulb.
2. Use a flashlight and carefully look inside the open-ended metal side cap to ensure the glass sleeve inside is not cracked/broken.
3. Carefully rock/nudge the 4-PIN side of the UV bulb into the white 4-PIN Connector on the power adapter (hold bulb by the white part near the pins; you may need to turn the pins a different way to match the holes), then slide bulb into the open-ended side of the UV housing all the way, and slide the black rubber cover over the cap to secure.



### □B. **Remove Shrink Wrapping** and insert the cartridges in the following order:

**Chamber #1 - SuperBlock™**

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

**Chamber #3 – FluorSorb-MAX™**

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

*\*We recommend to hand tighten housings when closing.*

### □C. Ensure area is dry and connect the Leak-Stopper according to its instructions. Do not put the leak-detection tablet in the leak-stopper until installation is completed and the area and hands are fully dry.

### □D. Slowly turn the cold-water valve back on, check all connections for a watertight seal. *\*Note: you may hear a slight “hissing” sound when the filter is working; this is normal. Use sufficient plumbers’ tape on UV chambers’ threads if there is any leak at the side caps.*

### □E. You may notice the water is cloudy; this is just mineral/carbon fines being released. Allow the cold water to run on full for **5 minutes** then turn off faucet & shut off water supply to filter via the Angle Stop Adapter Valve, then open filter's faucet to release pressure. **Remove Shrink Wrapping** and Insert the **UltraFiltration Membrane** into **Chamber #2** and **AntiRad-Plus™** Cartridge into **Chamber #4**. Flush the entire system again for **10 additional minutes**.

### □F. Turn off the water to the system & open the filters’ faucet to release water pressure. **\*\*Disconnect the BLUE tube from FILTER OUT and Connect to UV OUT.** Then Connect the Short White **UV IN** tube to **FILTER OUT**. 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 now ready for use. For Cool/Cold Input Water Only.**

**Note:** Water may be cloudy for about a week as the natural minerals in the cartridges adapt, to speed the adaptation period up, turn the system on 15-20 seconds at a time more often throughout the day. Do not flush for longer periods, as it won't be as effective. Due to the UV Light, initial water during each use may be quite warm for apx. 30 seconds, this is a normal effect.

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



## **FOR CARE & OPTIMAL PERFORMANCE:**

\* Flush the system for 5 minutes when it hasn't been used for 2 or more days.

### **PRECAUTIONS:**

- ALWAYS turn off the power supply and ensure hands and area is dry before servicing the system.
- Do not look directly at the UV light when it's turned on.
- Never run hot water to the filter, as the filtration process will not be effective. Throughout usage you may notice the water level fluctuate in the clear chambers, this is a normal effect and does not interfere with proper filter function.
- If UV bulb is broken, open windows and leave the room for 20 minutes to allow for the UV bulb gas to clear out.

### **MAINTENANCE SCHEDULE:**

**a. Filter Cartridge Replacement** (Every 500 gallons for consistently superior water quality):

- a. Every 6 months:** If using up to 2-3 gallons (32-48 cups)/day
- b. Every 12 months:** If using up to 1-2 gallons (16-32 cups)/day

*\*Based upon one of the most difficult to remove contaminants (Fluoride) at the federally recommended levels of 0.7mg/L. For greater Fluoride levels, replace the Fluoride cartridge sooner:*

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

**b.** Wipe unit/housings inside with non toxic dish soap and rinse well. Do Not over tighten housings when closing them.


**c.** Lubricate the rubber o-rings inside the housings, on the spout and in UV Chamber Caps with an FDA & NSF Compliant Food-Grade Silicone lubricant (included) once a year to help maintain leak-free performance.

**UltraFiltration Membrane:** Replace every 3 years, but soak in 3% Hydrogen Peroxide in a tall container (so the membrane is fully submerged) for 12 hours during every cartridge change or, 45 minutes in 10% Hydrogen Peroxide, rinse well with warm water and place back into the system, flush system for 10 minutes.

**UV Lightbulb:** Replace every 12 months, and Gently Wipe/Rinse the Glass Sleeve inside the housing. Although the UV light may still be operating, its potency will be significantly reduced after 12 months of operation (don't wait until it burns out to replace). The UV system is equipped with audible alarms, which sound when:

- a. The UV lightbulb is not firmly/fully pushed into the power supply PIN plug.
- b. The UV lightbulb isn't ON or has burned out. (contact us for a replacement).
- c. The UV Power Supply is malfunctioning. (unplug and wait 10 seconds, plug back in, if still beeping, contact us for support).

## RETURN / EXCHANGE POLICY

1. If the filter arrived damaged, please call us immediately to get an exchange: 1-347-492-4014
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: **14 days of delivery date, minus shipping cost. The return policy applies to water filter systems and any unused (sealed) filter media cartridges.** If cartridges have been opened and used, we will deduct the price of the cartridges from the refund, as they will no longer be resellable.
3. **If you decide to return past the 14-day return period, we will still accept the item for up to 30 days from delivery date,** however, there will be a reasonable 10% restocking fee applied.  Please call us or send an email to initiate the return process or if you have any further questions.

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**

*SURVIVE & PROSPER, INC. 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 (not made in china) and are designed to last for many years beyond the warranty period, but if any manufacturing defect is present, it will 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 damage resulting from UV bulb/power supply burnouts due to power surges/often turning power on/off, action/s of the user such as: misuse, accidents, improper installation, operation outside of specification (e.g. over the indicated PSI limit, exposure to direct sunlight, freezing temps, UV light), improper maintenance or repair and unauthorized modification.*

*Survive & Prosper, Inc.'s 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.*