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Thank you, and Congratulations on your purchase of The **PureEffect ULTRA-UC** Undercounter Water Revitalization System with Anti-Radiation Technology.

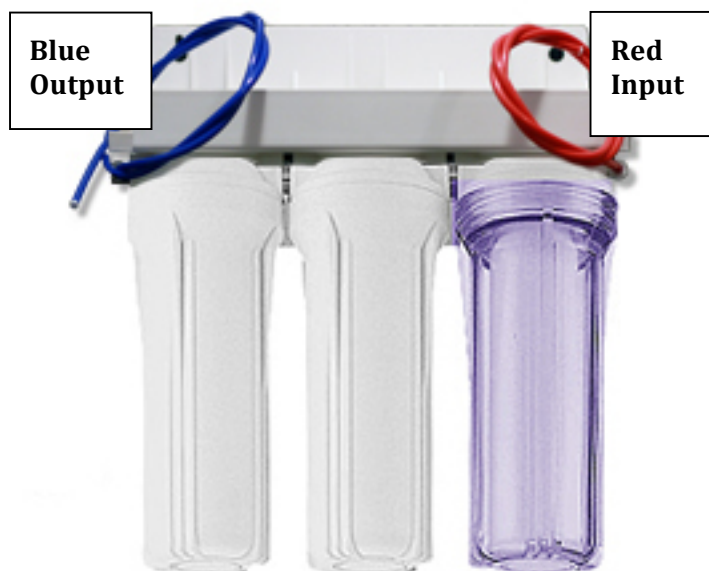
## **INSTALLATION INSTRUCTIONS**

### **IMPORTANT! - BEFORE YOU START:**

**-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 75PSI. 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. Failure to follow proper installation instructions voids all warranties and liabilities.**

**- The system should be installed where it is protected from freezing temperatures. Do not install the system where it would cause damage if leakage occurred.**

1.  Unpack your system, remove and set aside cartridges (*by unscrewing chambers*) and inspect system for any transportation damage. If damage is found, please contact us right away.
2.  Find the **RED** and **BLUE** tubing with the plastic elbows attached. Locate the words “IN” and “OUT” on the unit’s water connection ports. Screw the elbow with **RED** tube into the “IN” port and the **BLUE** into “OUT” port.



3.  Turn-Off Cold water supply on your Shut-Off Valve (**Angle Stop**) or water supply to whole house. Note: *It may be necessary to turn off the hot water supply as well.*
4.  Disconnect your existing connection (e.g. **Riser Tube**) from the **Angle Stop**.
5.  Connect the provided John Guest<sup>®</sup> **Angle Stop Adapter Valve** to the **Angle Stop**, see example pictured below. Note: *Applying Plumbers/Teflon Tape on all threading can help with any leaks.*
  - a. Reconnect your Existing **Riser Tube** to the **Angle Stop Adapter Valve**.
  - b. Position / Hang the filter system under the sink where desired at least 4" above floor (*to allow for removal of chambers for cartridge changes*).
  - c. Push-in the available end of the 1/4" **Red Filter "IN" tube** into the 1/4" output port of the **Angle Stop Adapter Valve** until it "pops-in" as far as it can go.

*(If additional filtered water connections are desired, e.g. fridge-water Supply/Ice-maker connections, etc... please see your local plumbing/hardware store and ask about adding a 1/4" "Tee" to your unit's quick-connect output port).*



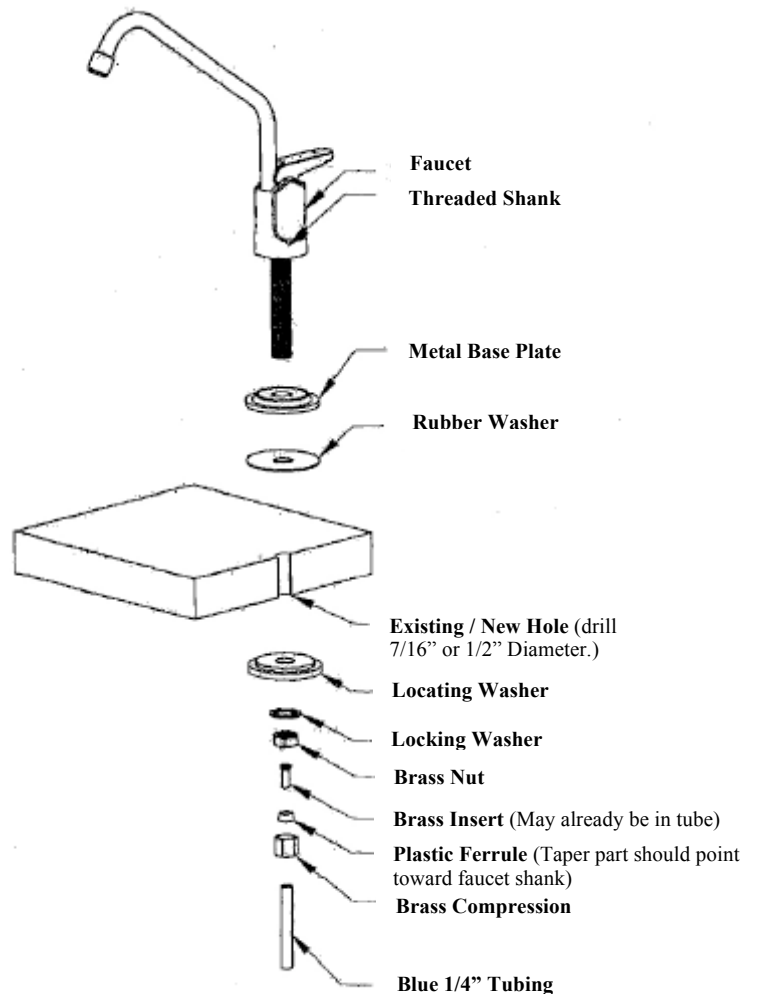
**\*\* To Disconnect the tube from connection:**



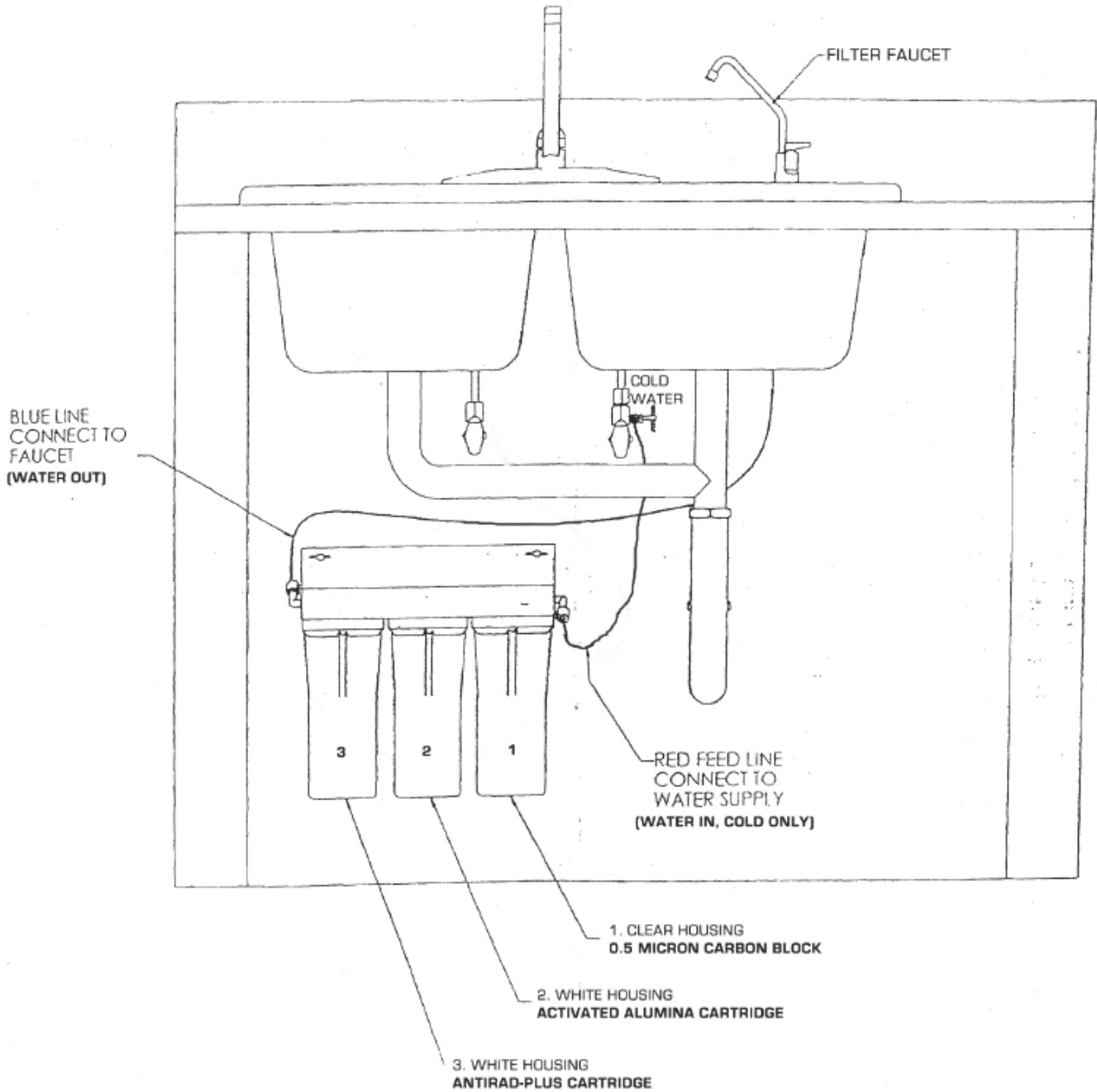
6.  Install the provided faucet to the sink top. (See instructions on next page).

## FAUCET INSTALLATION INSTRUCTIONS

1.  Use existing spray hose / soap dispenser hole, or Drill a 7/16" or 1/2" hole in sink top. *(We recommend using a carbide drill, use tape to protect sink top).*
2.  Slide **Metal Base Plate** onto the threaded faucet shank, followed by **Rubber Washer**.
3.  Insert Shank through the newly drilled or existing sink hole.
4.  Under sink, Slide **Locating Washer**, followed by **Locking Washer** onto shank.
5.  Thread the **Brass Nut** onto shank, position faucet and tighten nut.
6.  Slide **Brass Compression** nut and **Plastic Ferrule** (taper towards faucet shank) onto the 1/4" plastic tube.
7.  Insert **Brass Insert** inside the **BLUE 1/4" tube**. *(insert may already be in the tube).*
8.  Hand Tighten compression nut to faucet shank, and using a wrench tighten 1 to 1 1/2 turns.
9.  Ensure all connections are tight.
10.  **Proceed to Page 5** for cartridge flush and leak test instructions.

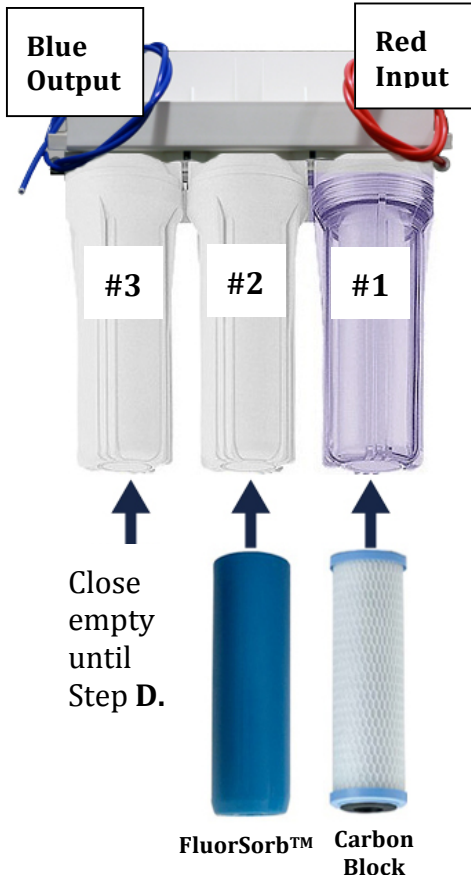


# GENERAL DIAGRAM



## INITIAL 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 chamber for Step D.

1. Remove shrink wrapping and insert the first two cartridges only: **Carbon Block** cartridge into **Chamber #1** and **FluorSorb™** cartridge into **Chamber #2**, screw the chambers closed. Screw the last chamber closed also, it should be empty for now.

**A.** Slowly turn on cold water, check newly installed faucet and all connections for a watertight seal.

**B.** With your cold water on, gently turn the **Handle** on the newly installed faucet to the side to allow water flow.

**C.** Check again for any leaks on all tubing and filter connections to ensure watertight connection. *If there are leaks at input or output ports: ensure that the red and blue tubing is pushed as far as it can go into the connecting elbows on the unit.*

**D.** As the first water begins to flow, you may notice a small amount of grey carbon dust pass through as the cartridges get flushed. 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**. Unwrap and Insert the last cartridge (**AntiRad-Plus**) in **Chamber #3** and flush the entire system again for **15 minutes**.

**Note:** First Water may be cloudy during few seconds of every use for about a week as the Zeolite in this cartridge adapts and releases harmless mineral dust, this will subside in about 1 week.

**E. To Shut off the filter, turn off the faucet.**

Congratulations! Your System is now ready for use.

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

**Do not allow hot water to run through the filter system.**

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

1. You may let the kitchen faucet run for a few seconds before using the filter, as this will extend the filter life by flushing out any large sediment in the pipes.
2. Flush the system for 2 minutes when it hasn't been used for 2 or more days.
3. Never run hot water through the filter, as the filtration process will not be effective. Use only cold/cool water.
4. **IMPORTANT!** Whenever opening chambers to replace/remove cartridges, make sure to first shut off the unit's main water supply line.
5. Replace filter cartridges every **8 months\*** for consistently superior water quality or when water flow or quality is reduced significantly. **It is highly recommended** you lubricate the black rubber o-rings inside the housing with a Food-Grade Silicone lubricant at least once a year to ensure leak-free performance.

*\*If there is high sediment amount in your water, your carbon block may clog sooner, resulting in a reduction in water flow. In this case, only the carbon block would need to be replaced.*

6. Every 2 months: remove cartridges and wipe the unit clean using Hydrogen Peroxide, rinse with warm water, reinsert cartridges and flush with cold water for 5 minutes.
7. Do not use system if your water pressure above 75PSI. In such a case, contact a plumber to install a pressure regulator valve.