

Gen 4 Poly Salt Free Water Softener Service Procedures

Installation: The stainless starter nipples have been pre-installed at our facility. Simply adapt your piping to the 1" male nipples, Install the filter in the vertical position and make sure its supported by using the included wall bracket. **Make sure your water flow direction matches the arrows on the filters top.**

Locate the extra parts that came with your filter. You will see the drain valve and wall bracket and bracket nut. Install the included bracket using the poly nut screwed to the housings top stud.

Filter can be installed into any kind of plumbing material including pex, pvc, copper or galvanized and installing a water shut-off on the inlet side or a three-valve by-pass will make servicing faster.

Refilling the polyphosphate cartridge:



You can order pre-filled cartridges, and empty cartridges from us, and you can re-fill your cartridge using the following procedure:

Using a small screwdriver, pry off the opposite unslotted end of the cartridge. Pour 6 oz of crystals into the cartridge and snap it back together.



Approximately every 8-10 months, check the level of poly-phosphate and you can remove and clean the Hard Water Bullet catalytic core and clean the 50-mic filter at this time if needed using a tooth brush **from the inside out.**

The blue cannister is prefilled with 6 oz of polyphosphate and additional polyphosphate can be purchased from our site. This will usually last for 8-10 months.



Un-screw the bottom half of the filter housing bottom to access the filter, catalytic core and poly-phosphate cartridge.

Pull the inner polyphosphate cartridge out of the filter screen.

Re-fill or insert a new polyphosphate cannister into the screen as shown with the 4 slots facing up.



When checking the crystal level, remove the Hard Water Bullet catalytic core and soak in vinegar while using a brass brush to clean off hard water deposits. The bullet core will work at its best performance when it's clean.

Reinstall the bullet core, and cartridge, then re-install the entire bottom housing to the top housing. Do not over-tighten, hand tighten only.

Points to remember:

- Excessive iron (More than 0.5 ppm) in your water will cause this filter to not function properly
- Treated aragonite will test just like untreated calcium, so testing the water coming through this filter will test exactly like the untreated water.
- If dishwasher spotting occurs, consider using the cool dry feature on your dishwasher, and using a high-quality liquid rinse agent.
- Clean all hard water build-up from fixtures, shower heads and dishwasher when you install this filter.
- The Hard Water Bullet can be removed and cleaned when you clean the stainless filter and refill the polyphosphate.

**Do not wrench-tighten the filters top and bottom.
Hand tighten only.**

