

## FILTER FLUSHING PROCEDURE

Before starting the installation, any filters being used to filter the source water for the unit must be flushed. This is important to rinse any loose carbon or debris from the filters so that it does not plug another filter or membrane or end up inside the unit. [DO NOT install and setup the unit before flushing the filters.](#)

Whether the unit is paired with RO (Reverse Osmosis) or Micro-filtration configurations, there is a basic idea that applies to both: the filters, especially the carbon filters, must be flushed or “rinsed.” This section will cover how to do this process.

Regardless of the setup used, all sediment and carbon filters must have several gallons of water flushed through them to properly rinse the filter. The filters should be flushed in the same direction as flow (with **one** exception).

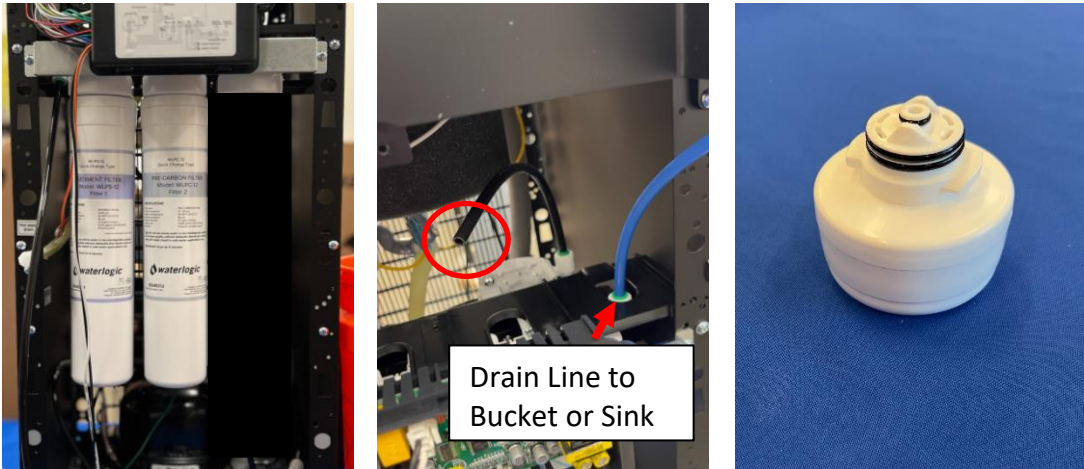
1. To begin, you will need a ¼” LLDPE tube connecting the unit to a water supply, connected at the “Water In” port on the back of the machine. Install a ¼-turn valve just before the unit to easily turn the water on and off.
2. Have a bucket, pitcher, or sink ready to catch the flush water.
3. Remove the drip tray from the unit by pulling the tray straight out. Once removed, locate the single screw that holds the lower front panel in place and remove it.



4. Remove the lower front panel of the unit. Press down on the top of the lower panel, then pull away. The panel should hinge outward, and then come away from the unit completely. Set this panel aside.



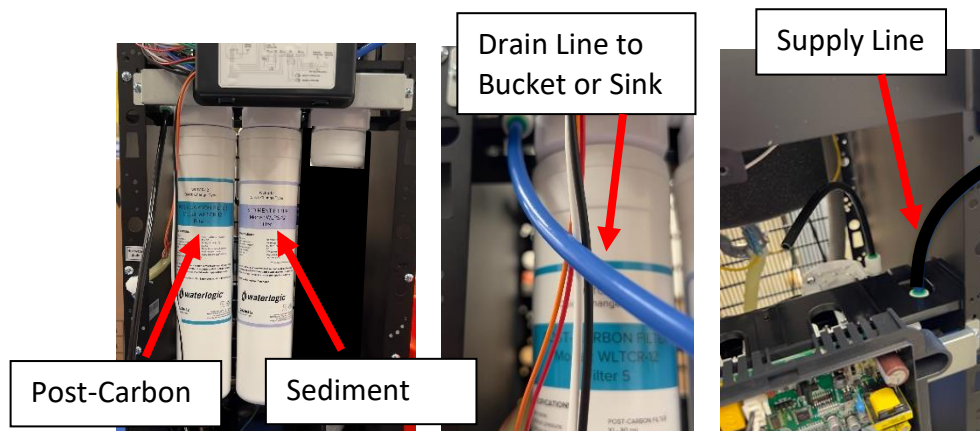
- This is the view behind the lower front panel. Disconnect the tube shown and install a 3-4ft length of tube as a drain line and run to a bucket or sink. Remove the Lead filter, and the bypass plug in the filter slot behind it. Remove the filter in the back of the filter bank (Post-Carbon).



- With the drain line tubing connected to the out port of the third filter running to a drain or bucket, install the bypass plug into the third filter head. Turn on the water supply and allow 2 gallons of water to flush through the sediment and pre-carbon filters. Shut off the water when complete.

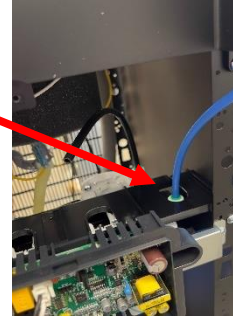


- Remove both the Sediment and Pre-Carbon Filter. Install the Sediment Filter into filter head #2, and install the Post-Carbon filter into filter head #1, as shown. Next, remove the supply line from the left port of the filter bank. Replace it with the drain line. Install the supply line into the port the drain line was removed from, as shown.



- Turn the water supply on. This will reverse flush the post-carbon filter. This filter must be reverse flushed because of a mesh screen inside that is susceptible to carbon fines. Once complete, shut off the water supply.

9. With the water supply shut off, return all filters and the bypass plug to their original filter heads, and reconnect the supply line to the left most port on the filter manifold. Return the drain line to its original port.
10. Place the Lead filter into the third filter head, to the right of the pre-carbon filter. Turn on the water supply and allow 2-3 gallons of water to flush through first three filters. When finished, remove the drain line and reconnect the black tube to the empty port.



11. The filtration system is now ready to use. The water supply valve can be turned on, and the unit can move forward to the next installation step.