



## Sanitizing Your Water Purification System

We recommend sanitizing your RO or RODI system at least once per year. Schedule this process at a time when you are planning to replace your cartridges. These instructions apply to water purification systems without a pressure tank. Before you begin assure that you have about an hour available, and that your work area and hands are clean. You'll be working with household bleach - prepare the work area accordingly.

Turn off the water supply to the system.

Remove all housings and remove all pre-filters and post-filters from the system including sediment filters, carbon filters, in-line filters, and deionization cartridges. Remove the reverse osmosis membrane(s).

Wash housings with a soft brush or cloth in warm soapy water. Rinse thoroughly to remove all soap. Don't forget to carefully remove and wash all o-rings. Lubricate the o-rings with a small amount of food grade silicone grease and reinstall them.

Fill the first prefilter housings 3/4 full with potable water and one tablespoon of plain, unscented household bleach. With this sanitizing liquid in the housing, screw the housing back on to the system.

Turn on the water supply a bit, allow water to fill the entire system, and assure water is flowing out of the waste line and the purified water line. Place the outlet of the drain tube and purified water tube slightly higher than the system to assure these tubes are full of the sanitizing solution. When the sanitizing solution has reached the outlet of each tube, and with the outlet of each tube placed above the rest of the system, shut off the water supply for 30 minutes. The full 30 minute soak may not be necessary in all situations.

After 30 minutes, turn the water supply on and assure that water exits the system from both the drain tube and the purified water port. Flush the sanitizing solution from the system for 5 to 10 minutes, or until the strong odor of chlorine can no longer be detected.

Turn off the water supply and install new filters, taking care to rinse the filters as appropriate.

We recommend keeping a maintenance record for your system. Record the date of the sanitizing and filter replacement.