



Reverse Osmosis

Drink to Your Health

Water quality is a persistent problem for New England residents and can be especially frustrating when the quality varies from street to street and season to season. A reverse osmosis water filtration system can correct most common water quality problems. Drinking water purification systems can be installed as point of entry systems or point of use, under sink systems. Whether you currently have town-supplied or private well water, a reverse osmosis water filtration system can vastly improve the quality of your drinking water.

Municipal Water Supply

City and town water departments are monitored by the U.S. EPA (Environmental Protection Agency) and required to test and provide safe drinking water to its customers. The quality levels, in terms of aesthetics and mineral content, vary from town to town. While municipal supplies are generally safe, there are limitations as to what your town can do to provide you with the level of water quality that you personally desire. Quality can also vary substantially from season to season, which is why many customers with municipal water supply opt for reverse osmosis water treatment, at least for drinking water.

Private Well Water

Homeowners with private well water are their own water utility. We highly recommend that you get an annual comprehensive water quality test from a state certified water laboratory. Additionally, because of the uncertainty associated with well water due to rain and changing ground water, we recommend a reverse osmosis water filtration system for customers with well water. Utilizing reverse osmosis (RO) technology for drinking water is a viable option for purifying well water and a safeguard against many potential contaminants.

How a Reverse Osmosis Water Filtration System Works

Reverse osmosis water treatment intentionally forces unpurified source water against a synthetic membrane using line water pressure. The pores of a RO membrane are approx. .0005 micron in size, which is smaller than a bacteria or virus (a typical virus ranges from .02 to .4 micron in size). Only molecules of water dissolve and diffuse through the unique membrane material, forming pure water on the other side of the membrane. This purified water is held in the storage tank where the system is installed.

Point of Use or Remotely Located Point of Use

The reverse osmosis water treatment system can be installed either under the kitchen sink (point of use) or in a remote location like a basement. A remotely located reverse osmosis water purification system will have a line running up to the kitchen sink that feeds a separate faucet. A line can also be run to the refrigerator, feeding purified water to the ice maker, and/or automatic water dispenser.



Residential Point of Use



Whole House Systems



Bottleless Coolers