

Quench Reverse Osmosis System



What is Reverse Osmosis (RO) Water Filtration?

Reverse osmosis or RO is a water purification technology that removes dissolved solids and contaminants from drinking water. During the reverse osmosis process, water is pushed through a semi-permeable membrane to filter out very small contaminants. Typically RO involves four stages of filtration: a sediment filter, pre-carbon block, reverse osmosis membrane, and post-carbon filter. The sediment filter removes the largest particles, like dirt, sand, and rust to prevent clogging of the subsequent filters. The pre-carbon block filters dissolved compounds, such as chlorine. The RO membrane then removes molecules heavier than water, such as sodium, high levels of lead, dissolved minerals, bacteria, and fluoride. Finally, the post-carbon filter polishes the water.

water up 



Quench Reverse Osmosis Filtration Systems:

Quench offers two standard RO filtration systems with different capacities: the Quench 75 and the Quench 79. Both systems include a sediment filter, carbon block filter, semi-permeable RO membrane, a post filter, and a RO water storage tank.

Specifications

	Quench 75	Quench 79
Sediment pre filter (μ)	10	10
Carbon block pre filter (μ)	5	5
Semi-permeable RO membrane (GPD)	80	150
RO tank (storage size in gallons)	3	10
Filter Dimensions	13.25" w x 5.375" d x 16.5" h	13.25" w x 5.375" d x 16.5" h
Tank Dimensions	10.9" diameter x 13.75" h	15.2" diameter 22.5" h

Each RO Filtration System:

- Removes particles above 1/500,000th of an inch (0.05 microns);
- Eliminates organic molecules that can impart off taste and odors; and
- Is available with a 8.5" gooseneck spigot (optional) for easy access and container filling.
- RO systems require a drain.

