

Reverse Osmosis System



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.



Specifications

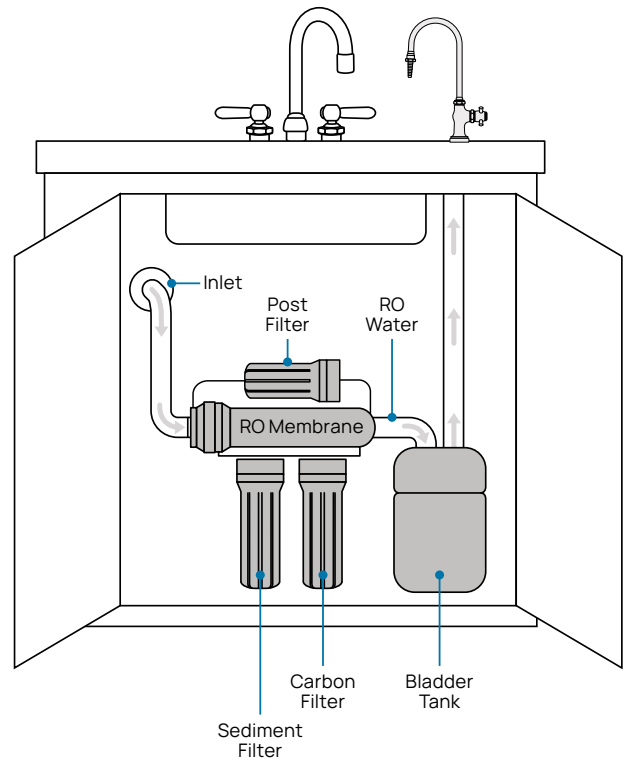


Product Details

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

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 odours
- Is available with a 8.5" / 21.6 cm gooseneck spigot (optional) for easy access and container filling.
- RO systems require a drain.



Reverse Osmosis System 75

Sediment pre filter	10 μ
Carbon block pre filter	5 μ
Semi-permeable RO membrane	80 gal (302.8 litres) /day
RO tank	3 gal / 11.4 litres
Filter Dimensions	13.25"w x 5.375"d x 16.5"h / 33.7 cm w x 13.7 cm d x 41.9 cm h
Tank Dimensions	10.9" diameter x 13.75" h / 27.7 cm diameter x 35 cm h

Reverse Osmosis System 79

Sediment pre filter	10 μ
Carbon block pre filter	5 μ
Semi-permeable RO membrane	150 gal (567.8 litres) /day
RO tank	10 gal / 37.9 litres
Filter Dimensions	13.25"w x 5.375"d x 16.5"h / 33.7 cm w x 13.7 cm d x 41.9 cm h
Tank Dimensions	15.2" diameter 22.5" h / 38.6 cm diameter x 57.2 cm h

Culligan Quench products are certified by independent authorized 3rd party laboratories in accordance with appropriate industry standards. To find out more about which certifications your product may have, please contact us.