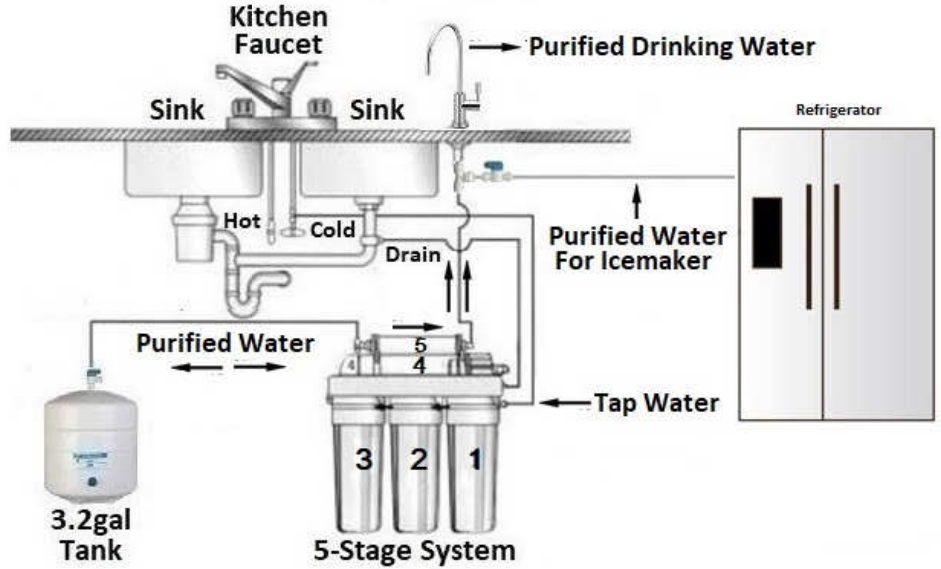


How A Reverse Osmosis Works!



STAGE



SEDIMENT FILTER

Traps sediment and other particulate matter like dirt, silt and rust which affect the taste and appearance of your water.

STAGE



PRE CARBON FILTER

This helps ensure that chlorine and other materials that cause bad taste and odor are greatly reduced.

STAGE



PRE CARBON FILTER

Further removes residual chemicals, tastes and odors, guarantee purity.

STAGE



RO MEMBRANE

The heart of the system is the Ro Membrane 99% reduction of bacteria, pesticides, herbicides, heavy metal and much more from your tap water.

Bad Stuff Out

Nominal Rejection Rate of a Reverse Osmosis TFC Membrane.

Material	% Rejection	Material	% Rejection
Aluminum	98-99	Magnesium	96-98
Ammonium	86-92	Mercury	96-98
Arsenic5	88-96	Manganese	95-98
Barium	96-98	Nitrate	60-75
Bicarbonate	90-95	Nickel	60-75
Bromide	87-93	Phosphate	98-99
Cadmium	96-99	Potassium	98-99
Calcium	94-97	Selenium	94-97
Chloride	93-97	Silicate	85-90
Chromate	86-98	Silver	93-96
Copper	98-99	Sodium	87-93
Cyanide	86-92	Strontium	96-98
Ferrocyanide	98-99	Sulfate	98-99
Fluoride	87-93	Sulfite	96-98
Iron	95-98	Thiosulfate	98-99
Lead	96-98	Zinc	98-99

Removes 85-95% of all Organics Including: THM'S PCB'S Pesticides, Herbicides and Benzene. The rejection table is an average and should only be used as a guideline as TDS, water temperature and water chemistry can vary and effect performance.

STAGE



IN-LINE CARBON FILTER

Drinking water enters this filter after the water storage tank and it is used as a final polishing filter.



Tap Water

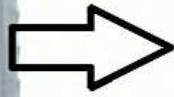
Purified Water



3.2Gals Of Purified Water

Filtering System

KITCHEN
FAUCET



PURIFIED
WATER



RO SYSTEM



3.2 GAL
PURIFIED
WATER

