



WATER SOFTENING & FILTRATION

GRO REVERSE OSMOSIS

1st Sediment Filter

High dirty-holding capacity; removes sediment, dirt, sand, rust

2nd Granular Activate Carbon

High adsorption capacity; removes chlorine, tastes&odors, organic chemicals

3rd Carbon Block

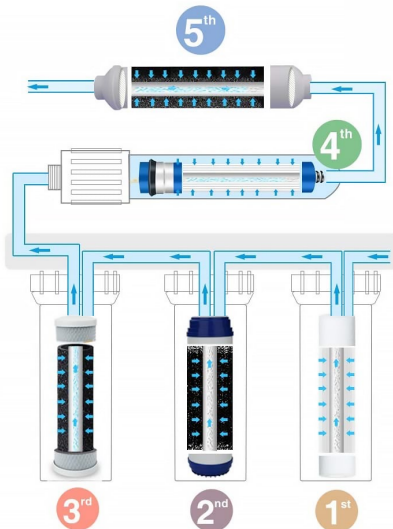
High adsorption capacity; FURTHER removes chlorine, tastes&odors, organic chemicals

4th RO Membrane

High Rejection Rate: removes up to 99% of heavy metal, bacteria, viruses, organic chemicals, total dissolved solids, etc

5th Post Carbon

High Rejection Rate: FURTHER removes tastes&odors and improves water taste quality



- When used with whole home filter and softener, RO filters should be changed yearly
- Shown here with post treatment alkalizer filter which adds back good minerals to the purified water instead of the post-carbon filter.
- 5 Year Manufacturers Warranty (not including required regular filter changes)

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 85-90% 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.