

Why Go RO?

- Safer for family and pets
- Better tasting
- Clean and refreshing
- Tastier soups and sauces
- Clear ice-cubes
- No More Bottled Water!
- The Economical & Eco-friendly Solution



RO Facts and Fiction:

Reverse Osmosis applies water pressure to force water molecules through a semi-permeable membrane that will not allow contaminants such as lead, arsenic, nitrates, added fluoride and other inorganic materials to pass. The membrane acts as a filter to isolate total dissolved solids (TDS) that allows more pure water through while withholding most other contaminants, creating fresher, cleaner water. Some argue that RO removes minerals we need, however most minerals in our water can not be absorbed by the body anyway.

The amount of pressure required depends on the salt concentration of the feed water. The more concentrated the feed water, the more pressure is required to overcome the osmotic pressure.

What's involved with installing an RO System?

A reverse osmosis system is a conveniently hidden "under the counter" system connected to the water supply under your sink. Water passes through the filters to achieve purity. The filtered water is then stored in the storage tank. A separate faucet is installed on your sink, fed from the storage tank below.



"Enhancing the Quality of Your Home's Water, Enhances the Quality of Your Life."

MYTH BUSTER

Most minerals in water are inorganic and hard for your body to use. We get most of our minerals from food, which are more easily assimilated.

"Reverse Osmosis drinking water systems provide the most convenient and economic solution for clean and refreshing water right from the tap!"

Model GRO-475

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Average Reduction
Standard 42				
Chlorine Taste and Order	2.0 mg/L ±10%		≥50%	95.9%
Standard 53				
Cysts*	Minimum 50,000/L		99.95%	99.99%
Atrazine	0.009 mg/L ±10%	0.003 mg/L		93.7%
Lead (pH 6.5)	0.15 mg/L ±10%	0.010 mg/L		99.9%
Lead (pH 8.5)	0.15 mg/L ±10%	0.010 mg/L		99.6%
Lindane	0.002 mg/L ±10%	0.0002 mg/L		97.4%
Standard 58				
Total Dissolved Solids	750 ±40 mg/L	187 mg/L		96.3%
Pentavalent Arsenic	0.050 mg/L ±10%	0.010 mg/L		88.0%
Fluoride	8.0 mg/L ±10%	1.5 mg/L		93.6%
Cysts*	Minimum 50,000/mL		99.95%	99.99%
Turbidity	11 mg/L ±1 NTU	0.5 NTU		>99.1%
Lead	0.15 mg/L ±10%	0.010 mg/L		98.6%
Selenium	0.10 mg/L ±10%	0.05 mg/L		97.9%
Copper	3.0 mg/L ±10%	1.3 mg/L		98.5%
Cadmium	0.03 mg/L ±10%	0.005 mg/L		99.1%
Hexavalent Chromium	0.3 mg/L ±10%	0.1 mg/L		96.4%
Trivalent Chromium	0.3 mg/L ±10%	0.1 mg/L		98.2%
Radium 226/228	25 pCi/L ±10%	5 pCi/L		80.0%
Barium	10.0 mg/L ±10%	2.0 mg/L		96.3%

PERFORMANCE GRO-475 SYSTEM INSTALLED WITH FDF1-RC, GRO75-RC, F1B1-RC, F1GC-RC FILTER CARTRIDGES

This system has been tested according to NSF/ANSI 58 for the reduction of substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI58.

System Production Rate: 21.08 gpd (79.77Lpd)
 Recovery Rating: 41.05%
 Efficiency Rating: 23.57%

TDS Rejection: 96.3%

* NSF/ANSI Standard 53 and 58 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.



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