

REVERSE OSMOSIS DRINKING WATER SYSTEM

The 'RO' of the system is the secret

RO is Reverse Osmosis. This is the natural process which sets the foundation of RO systems. It may sound technical, but osmosis is a natural, organic phenomenon, a process that occurs in nature on a continuous basis. Vegetation, like trees, plants and flowers attain their nutrients by using osmosis to draw water from the soil.

The PuROmax RO Drinking Water System uses a combination of filtration technologies to reduce unwanted contaminants in a water supply. This unit is designed to reduce the dissolved mineral content of the water. In the RO process, dissolved minerals are separated from the incoming water to produce the product water. The excess minerals are rinsed to drain.

Reverse Osmosis (RO) works like this:

The pressure from a household tap forces water through a semipermeable membrane. This membrane separates the water at the molecular level. The membrane acts like a filter, assuring the RO water has substantially reduced impurities and dissolved solids. This cleaner, more refined water is then stored in a holding tank, ready at your convenience.

The PuROmax Reverse Osmosis (RO) Drinking Water System is an optimized to treat city water using the existing water pressure. This RO ensures premium water taste and quality.

The quality of drinking water is on everyone's mind today, and bottled water sales have skyrocketed. Bottled water is expensive, inconvenient, and of questionable quality.



Why Choose the ChargerPro™ PuROmax SYSTEM?



- **Exceeds Most Bottled Water Quality**
- **Only Pennies a Gallon**
- **Durability and Reliability:** Known for its longevity and minimal maintenance requirements.
- **Consistent Water Quality**


PuROmax™
Reverse Osmosis System



*Delivering Cleaner, Healthier
Water Across America*

www.chargerwater.com

Qualified System Performance: Because the performance of an RO Membrane is highly dependent upon pressure, temperature, pH, and TDS, the following should be used for comparison purposes only.

Reverse Osmosis	Model # PC4
	<p>PuROmax RO Drinking Water System</p> <p>Features:</p> <ul style="list-style-type: none"> • NSF Certified 4.4 Gallon Tank • NSF Certified Quick Connect Fittings on PC Models • Jaco Style fittings on WCW Models • 1 Year Limited Warranty • Complete Installation Kit with Instructions • Filter Housing Wrench Included • Color Coded Tubing • Faucet purchased separately

Nominal Rejection Rates for typical R/O units			
Aluminum	96-98%	Fluoride	93-95%
Arsenic (+5)	94-96%	Lead	96-98%
Bacteria	99+%	Magnesium	94-96%
Cadmium	95-97%	Mercury	95-97%
Calcium	94-97%	Nitrate	92-95%
Chlorine	90-95%	Phosphate	97-98%
Chloride	90-95%	Silver	95-97%
Copper	96-98%	Sodium	94-98%
Cyanide	90-95%	Zinc	96-98%

Chlorine: Chlorine will damage a TFC Membrane. The Sediment/Carbon Module has been designed to reduce chlorine from the incoming water. Change filter every 6 to 12 months, more often if the water contains more than 1 ppm chlorine.

Bacteria: Must be potable. DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR OF UNKNOWN QUALITY, WITHOUT ADEQUATE DISINFECTION BEFORE THE SYSTEM.