

PINNACLE

REVERSE OSMOSIS SYSTEM

Ultra Pure

Reverse Osmosis Drinking Water System



STANDARD FEATURES

- Exclusive pure water purge feature fast flushes debris from the membrane preventing "TDS Creep"
- Sturdy, lead-free, leak-free brass fittings
- Premier grade 36 gpd TFC membrane
- 3/8" fittings for optimal flow rates
- Water saving shut-off valve
- Complete installation kits with color coded tubing
- Durable polyethylene lined steel storage tanks

- 5-year warranty on workmanship and materials
- Made in the U.S.A.

OPTIONAL FEATURES

- Ultra Violet Sanitizer
- White filter housings & tanks
- Quick disconnect plastic fittings
- Decorator faucet colors and finishes



Serving the Valley Since 1979

**Mountain Fresh
Water Systems**

PINNACLE

Ultra Pure

Reverse Osmosis Drinking Water System

Reverse Osmosis Technology

Reverse Osmosis is the process by which ordinary tap water is forced through a semipermeable membrane leaving certain unwanted substances behind. These substances are rinsed away, producing clear, fresh tasting water. It is a process similar to that used to produce bottled water and is the most effective technology known for the improvement of drinking water today.

Unique Features of the Pinnacle Ultra Pure

Although a standard Reverse Osmosis system will make good water, when the reservoir tank is full, the system stops working, relaxing the membrane, leaving some mineral and organic residue remaining within in the membrane. When the R.O. system starts working again, the water with this higher residue content is the first water that enters the reservoir tank. As the system repeatedly turns on and off, over several days of use, the Total Dissolved Solids in the reservoir tank gradually increase, resulting in less than the best quality water. This is called "T.D.S. Creep".

The Pinnacle Ultra-Pure has a specially designed chamber which holds a pint of pure water in reserve. When the system is finished making water and shuts down, this pure water is purged through the membrane, washing out the debris from the membrane and down the drain, so it will not go into the reservoir tank. The result: More than double the life of the membrane and always the maximum in purity from your system.

Nominal Rejection Characteristics of a Reverse Osmosis TFC Membrane

MATERIAL	% REJECTION	MATERIAL	% REJECTION
Aluminum	98-99	Magnesium	96-98
Ammonium	86-92	Mercury	96-98
Arsenic	94-96	Manganese	95-98
Barium	96-98	Nitrate	60-75
Bicarbonate	90-95	Nickel	60-75
Bromide	87-93	Phosphate	98-99
Cadmium	96-98	Potassium	98-99
Calcium	94-97	Selenium	94-96
Chloride	93-97	Silicate	85-90
Chromate	86-92	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



OPTIONAL:

Ultra Violet Sterilizer is an economical way of killing 99.9% of all bacteria and other micro organisms. This process is accomplished without adding any harmful chemicals to your drinking water...all for just pennies a day.

REMOVES:

Over 99% 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.

5-YEAR WARRANTY:

Our system has a 5-year full replacement warranty on all parts, excluding filters and membrane. Membranes have a variable warranty. We offer a 1-year free labor warranty against defects in workmanship or materials.

For more information call 480-899-8889
or visit our website at
www.mfwater.com



Serving the Valley Since 1979

Mountain Fresh
Water Systems



Available Faucets

Mountain Fresh Water Systems has been helping people improve their water since 1979, with a flawless record of customer service and satisfaction. All our products are manufactured and backed by the best and largest manufacturer of water treatment systems in the West, in business since 1945. It is this winning combination which enables us to offer you the best and most innovative, up-to-date technology, without sacrificing quality or reliability, at an affordable price!