High Purity Drinking Water by Reverse Osmosis

Reverse Osmosis is the process by which ordinary tap water is forced through a semi-permeable 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 bottles water and is the most effective technology known for the improvement of drinking water today.

Nominal Rejection Characteristics of a Reverse Osmosis TFC Membrane					
Material	% Rejection	Material	% Rejection	Material	% Rejection
Aluminum	98 - 99	Ammonium	86 - 92	Pentavalent Arsenic*	94 - 96
Barium	96 - 98	Bicarbonate	90 - 95	Bromide	87 - 93
Cadmium	96 - 98	Calcium	94 - 97	Chloride	93 - 97
Chromate	86 - 92	Copper	98 - 99	Cyanide	86 - 92
Ferrocyanide	98 - 99	Flouride	87 - 93	Iron	96 - 98
Lead*	96 - 98	Magnesium	96 - 98	Mercury	96 - 98
Manganese	95 - 98	Nitrate	60 - 75	Nickle	60 - 75
Phosphate	98 - 99	Potassium	98 - 99	Selenium	94 - 96
Silicate	85 - 90	Silver	93 - 96	Sodium	87 - 93
Strontium	96 - 98	Sulfate	98 - 99	Sulfite	96 - 98
Thiosulfate	98 - 99	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.

5 Year Warranty
This system is backed by a 5 year warranty that is backed by the Manufacturer which has over 30 years experience in the field of water treatment. Warranty does not include filter replacement, membrane, or labor charges.

WQA Certified
System conforms to NSF/ANSI 58 for the specific claims as verified & substantiated by the test data:

• General Construction
• Flow Control
• Working Pressure
• Reject Water Connections
• Storage Tank Capacity
• Product Water Dispersing Outlets
• *Lead & Pentavalant Arsenic
• TDS Reduction
• Structural Integrity

Conforms to NSF/ANSI 58 for Pentavalent Arsenic reduction. See performance data sheet and Arsenic Facts section for an explanation of reduction performance.