

water tec

Signature Series



Ultra-High Efficiency Reverse Osmosis

water-tec.com



Ultra-High Efficiency Reverse Osmosis

The Water Tec Signature Series Ultra-High Efficiency Reverse Osmosis systems are built with water conservation in mind. These systems offer high production and low water waste compared to standard systems. What makes these systems so efficient? We are utilizing GRO membrane technology, this new technology allows for greater recovery and less water waste this technology also leaves more of the minerals in your water than traditional R.O. This means your **Water Tec U.H.E.** GRO will give you high purity, healthy drinking and cooking water and be environmentally friendly all at the same time, up to 1.6 to 1 recovery*. The GRO offers 50gpd production and 80-90% rejection of TDS compared to traditional R.O. which has a rejection of 95-99% and has a recovery as low as 5:1!

The Permeate pump on the U.H.E. is a simple, yet revolutionary, device. Powered only by the hydraulic energy of brine water usually lost to the drain (i.e. no electricity required), the Permeate Pump forces product water into the storage tank, reducing membrane back pressure and maximizing available feed pressure. These pumps dramatically improve the efficiency of R.O. water production, reducing wastewater by up to 80%.

System Options and Up-Grades

- * Hook up line to refrigerator - automatic ice maker
- * Designer faucets styles and finishes available.
- * Higher capacity pressurized water storage tanks.
- * pH Modification Filter



Material	% Rejection	Material	% Rejection	Removes over 90% of Sodium from Tap Water * Ideal for low sodium diets * Also removes * Benzene * EDB * Trichloroethane * TCE * DBCP * THM's * Dichloropropane * Dichloroethylene
Sodium	90-93%	Lead	96-98%	
Calcium	94-97%	Chloride	87-93%	
Magnesium	96-98%	Bicarbonate	90-95%	
Potassium	87-94%	Nitrate	60-75%	
Iron	95-98%	Fluoride	87-89%	
Manganese	95-98%	Silicate	85-90%	
Aluminum	98-99%	Phosphate	98-99%	
Ammonium	98-99%	Chromate	86-92%	
Copper	98-99%	Cyanide	86-92%	
Nickel	98-99%	Sulfite	96-98%	
Zinc	98-99%	Thiosulfate	96-99%	
Strontium	98-99%	Ferro cyanide	98-99%	
Cadmium	96-98%	Bromide	87-93%	
Silver	93-98%	Borate	30-50%	
Mercury	96-98%	Sulfate	98-99%	
Barium	96-98%	Arsenic	94-96%	
Chromium	96-99%	Selenium	94-96%	

* Depending on local water conditions.

**Expected membrane life on softened water feed is 3-5years.



Authorized Distributor: