

# ***WSG Whole House RO Systems***

***Series CRO – 500 to 4,000 GPD Performance RO Systems***



**A SAFE, POWERFUL AND COMPLETE SOLUTION FOR BOTTLED QUALITY WATER WHEREVER YOU NEED IT IN YOUR HOME**

Our company thrives on solving challenging water problems. Our whole house reverse osmosis systems are designed to meet those challenges and these systems will remove at least 95% of the total dissolved solids and other contaminants in the water. These custom engineered systems are also designed with safety in mind. This includes the addition of disinfection for the storage tank water to keep the water fresh and minerals added back into the water to improve the taste of the water, increase alkalinity for better hydration and prevent any corrosion problems from occurring.

**Enjoy the benefits of better than bottled quality water throughout all of the taps in your home**

These high performance systems are designed to produce low dissolved solids water from tap or well water, and use extra low energy reverse osmosis membranes which results in less operating cost.

## **Home Benefits Include:**

- Protects expensive shower heads and faucets from corrosion and scale build up.
- Improves the life of hot water heaters and water related appliances
- Clothes, linens and towels last longer
- Reduces the amount of soap and cleaners needed in the home
- Saves money!


## **Health Benefits Include:**

- Drinking more high quality water hydrates the body and great for kidney health
- Softer, smoother skin and fuller, healthier hair
- Better tasting, eliminates potential contaminants
- Healthier for pets

## **Key Features Include:**

- Conservatively engineered for commercial duty that will provide reliable, long term performance
- Proven components used throughout the system
- Complete, custom designed system for each application to meet the needs of the home
- Guaranteed water quality results

## Series CRO – 500 to 4,000 GPD RO Systems

Standard Equipment	Microprocessor Controller for Automatic Operation
<ul style="list-style-type: none"> <li>Thin Film Composite Extra Low Energy Membranes</li> <li>PVC/glass-filled nylon housings</li> <li>5 micron 10 or 20" cartridge filter &amp; housing</li> <li>Automatic inlet feed solenoid valve</li> <li>System control valve</li> <li>Recycle control valve</li> <li>Low pressure pump protection</li> <li>Stainless steel multistage RO pump with SS pump throttling valve</li> <li>Liquid filled pressure gauges for system pressure</li> <li>Powder coated aluminum frame</li> <li>Properly sized storage tank(s)</li> <li>Customized repressurization system for proper flow rate and pressure to home</li> <li>Post treatment added for corrosion control</li> <li>Post treatment added to storage tank(s) for disinfection</li> </ul>	<p style="text-align: center;"><u><b>Monitors and/or Controls:</b></u></p> <ul style="list-style-type: none"> <li>Low pressure switch</li> <li>On/Off with storage tank level</li> <li>Pre-treatment backwash/lockout</li> <li>Upper and lower tank level control float to control system on and off</li> <li>Concentrate and permeate flow meters to monitor water output</li> </ul> <p style="text-align: center;"><u><b>Controller Features:</b></u></p> <ul style="list-style-type: none"> <li>Panel mounted on/off switch</li> <li>Low pressure shut-down with indicator light</li> <li>Some units are equipped with TDS monitor (optional)</li> <li>Some units are equipped with auto fast flush (optional)</li> </ul>
	<p style="text-align: center;"><u><b>UL508A Labeled</b></u></p>  <p style="text-align: center;"><i>Electronic Controller Option</i></p>

Recommended Optional Pre- and Post-Treatment Equipment (based on raw water testing)	
<ul style="list-style-type: none"> <li>Carbon filter (municipal treated water)</li> <li>Water softener or anti-scalant injection</li> </ul>	<ul style="list-style-type: none"> <li>Iron and sulfur filter</li> <li>Ozone disinfection or U.V.</li> </ul>

Model No.	System Capacity		Qty. of Membrane Elements (XLE)	Line Sizes (NPT, Inches)			System Dimensions (in) Not including storage tanks and pretreatment			Approx. Shipping Weight (Lb)
	GPD	GPM		Inlet	Perm.	Conc.	Length	Depth	Height	
<b>CRO-500</b>	500	0.34	2 (2.5 X 21")	¾	½	½	18	18	55	110
<b>CRO-1000</b>	1000	0.69	3 (2.5 X 21")	¾	½	½	18	18	55	115
<b>CRO-2000</b>	2000	1.39	1 (4.0 X 40")	¾	½	½	18	18	55	130
<b>CRO-4000</b>	4000	2.78	2 (4.0 X 40")	¾	½	½	18	18	55	135

**CRO SERIES FEATURES**

CRO SERIES The Custom Care® CRO Series membrane systems are state-of-the-art, versatile systems for treating tap and well water supplies of up to 8,000 gallons per day with minimal energy consumption. The CRO Series feature a robust, innovative design that allows for versatility in the event of feed water quality and temperature variations. These systems feature a stainless steel booster pump for high performance and corrosion resistance. Ultra-low energy membranes and PVC/glass-filled nylon membrane housings allow for enhanced performance and durability. All systems come pre-assembled and pre-wired for ease of installation and servicing.

Contact Information:	
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