Watch Water® ROSOFT® is replacing the use of water softeners. No more salt and no more Eutrophication. In addition to the broad spectrum protection ROSOFT® provide from small to large flow applications and the cost of softening becomes prohibitive. The comparison table is shown on page No. 2. We have made a overview of the costs associated to operating a water softener system compared to that of applying ROSOFT® dosing at various concentrations of Water Hardness.

ROSOFT® with the ability to inhibit and disperse scale forming compounds such as
- Calcium Sulfate
- Calcium phosphate
- Barium and Strontium Sulfate
- Metal Oxides
- Virus and Bacteria

ROSOFT® is a multifunctional antiscalant for RO membranes allowing operations at high recovery rates from various feed water sources as.
- Seawater
- Brackish-Water
- Surface-Water
- Waste-Water

“No Body Will Install These Lousy Water Softeners Anymore”

ROSOFT® One Product with Multiple Benefits.
You Will find out much more of this new discovery of ROSOFT® on our website.

MULTIFUNCTIONAL

- Always keeps the membrane surface free from any scale corrosion and biofouling.
- ROSOFT® helps maximizing the production capacity while enhancing the energy footprint of the plant
- Reliable and efficient water reuse operations with Watch Water® ROSOFT®
Water Softener VS. WATCH RO SOFT

One of the major revolution for Reverse Osmosis Pre-treatment is RO SOFT

**Pretreatment : Water Softener**

Feed flow rate of 100 GPM and an **RO recovery of 75%**. System is a **duplex water softener**. Sodium chloride salt for water softener **regeneration cost $0.16 per pound**.

<table>
<thead>
<tr>
<th>Hardness (mg/l)</th>
<th>Capital Cost (Equipment)</th>
<th>RO SOFT® Cost ($/year)</th>
<th>Equipment Life (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>$25,000</td>
<td>$1,800</td>
<td>10</td>
</tr>
<tr>
<td>20</td>
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</tr>
<tr>
<td>100</td>
<td>$50,000</td>
<td>$22,500</td>
<td>10</td>
</tr>
<tr>
<td>250</td>
<td>$50,000</td>
<td>$45,000</td>
<td>10</td>
</tr>
</tbody>
</table>

**RO SOFT® DOSAGE** range from 3-6 mg/L depending on the water hardness. **RO SOFT®** is available only as instant powder and diluted just before usage. Lower or **lowest operating cost** that all other products (Antiscalants) in the market. **RO SOFT® works up to 200 Grains of hardness. No salt, No Regeneration required.**

**Key Benefits:**

- **NO PHOSPHONATES** and performs much better than phosphonate blended Antiscalants.
- **RO SOFT®** keeps the scaling and **fouling** forming **Ion’s** (Cation’s & Anion’s) soluble in the super saturated concentrate for 2 or 3 pass **Reverse Osmosis**.

To know and learn more about this huge potential of RO SOFT please contact us:

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