Effective Eco-Friendly Water Conditioning Made Simple

High Flow Cartridge Based Treatment For:

<table>
<thead>
<tr>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Hardness / Mineral Deposits</td>
</tr>
<tr>
<td>• Orange, Red, Brown, Black and Blue Stains</td>
</tr>
<tr>
<td>• Etching and Pitting</td>
</tr>
<tr>
<td>• Bad Taste and Odor</td>
</tr>
<tr>
<td>• Chlorine Taste and Odor</td>
</tr>
<tr>
<td>• Low pH problems</td>
</tr>
<tr>
<td>• Sediment and Solids</td>
</tr>
<tr>
<td>• Cloudy Turbid Water</td>
</tr>
<tr>
<td>• Appliance / Pipe Corrosion</td>
</tr>
</tbody>
</table>

“Performance Like No Other”

CASCADIAN® PolyHalt® Hard Water Conditioners

• Are Eco-Friendly
  o Salt free
  o Produce no waste water
  o No power required

• Soft water benefits:
  o Spots easily wipe up.
  o Soaps lather, clothes are cleaner, spots clean easier and you use less soap.
  o Reduces existing deposits extending the life and reducing operating costs of water using appliances.

• Use sequestration to bind minerals and prevent normal behaviors including staining, hardness encrustation, preventing soaps from working.

• Insulate metal pipes and components from harsh water conditions such as low pH, silica and aggressive waters.

System Benefits Include:

• No Salt to Deal With
• Low Waste High Quality Water
• No Waste Water Drain or Power Required
• High Flow and High Volume – Standard up to 15 GPM; Inquire About Higher Flow Systems
• Compact Size and Easily Install Almost Anywhere
• Long Life, Low Maintenance – No Moving Parts
• Replaces or Improves Traditional Automatic Systems

Lifestyle Benefits Include:

• Better Tasting, Smelling and Looking Water
• High quality water at every tap; No More Bottled Water to Buy
• No Slippery / Slimy Soft Water Feeling
• No Salt to buy or Deal With
• No More Orange and Brown Staining
• Use Less Soap; Spend Less Time Cleaning
• Cleaner Brighter Laundry
• Simple Maintenance – Typically Cartridge Life - 12 months

Water Treatment – “It’s what we know, It’s all we do”

CASCADIAN® Professional Water Treatment Products Since 1994
Ph. 509-674-4000  ● Fax: 509-674-4002  ● www.PolyHalt.com
# Effective Eco-Friendly Water Conditioning Made Simple

1. **Find Water Quality Problems Below**

2. **Find Solutions to the Right**

   **Problems & Solutions Matrix**

<table>
<thead>
<tr>
<th>Problem</th>
<th>P</th>
<th>SS</th>
<th>SP</th>
<th>ST</th>
<th>STP</th>
<th>TO</th>
<th>TP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bad Taste and Odor</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chlorine Bad Taste and Odor</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardness / Mineral Deposits</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clear Iron and Manganese</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Colored Iron and Manganese</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH (low) and aggressive water</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sediment</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silica – Corrosion, Etching and Pitting</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   **General Specifications:**
   - 100% Corrosion resistant housings
   - Built-in pressure relief valve
   - Built-in drain valve(s) for easy no-spill cartridge changes
   - Dimensions:
     - Single Filter – 8½” x 8½” x 26½”
     - Double Filter – 15¼” x 8½” x 26½”

   **Recommended Operating Conditions:**
   - Maximum Pressure – 90 psi.
   - Maximum Temperature - 100°
   - Bacteria or Tannin – None.
   - Silica < 100
   - PolyHalt® Limits for clear iron and manganese – 6 ppm combined, hardness – 25 grains (427 ppm), Turbidity < 1.0.
   - SIP Limit for clear iron and manganese removal; pH > 7.0, Manganese < 1 ppm, Iron < 3 ppm, Hydrogen Sulfide – None.

   **Max Flow Rate (gpm)**
   - 15

   **Number of Filters**
   - 1

   **Connection Size**
   - 1”

   **Maximum Treatable gallons**
   - 140,000 (a whole year in most cases)

---

**PolyHalt®**

Featuring Exclusive PolyCor™ Technology

Effective Eco-Friendly Water Treatment Made Simple

- **P** – PolyHalt® Only
- **SS** – Sediment Only
- **SP** – Sediment / PolyHalt®
- **ST** – Sediment, Taste & Odor / PolyHalt®
- **SIP** – Sediment, Iron / PolyHalt®
- **STP** – Sediment, Taste & Odor / PolyHalt®
- **TO** – Double Taste & Odor

---

**All Components - 3rd Party Approved**

- Housing Drain Valves are certified to NSF standard 61
- Filters are certified to NSF standard 42
- Housing Assemblies are certified to NSF standard 42
- PolyHalt® is certified to NSF standard 60
- PolyCor™ cap material and colorant FDA approved

---

**Satisfaction Guarantee**

**Made In U.S.A.**

From Foreign and Domestic Components

---

**Water Treatment – “It’s what we know, It’s all we do”**

CASCADIAN® Professional Water Treatment Products Since 1994

Ph. 509-674-4000 • Fax: 509-674-4002 • PolyHalt.com