



# Effective Eco-Friendly Water Conditioning Made Simple

## High Flow Cartridge Based Treatment For:

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|---|--|--|
| <ul style="list-style-type: none"> <li>• Hardness / Mineral Deposits</li> <li>• Orange, Red, Brown, Black and Blue Stains</li> <li>• Etching and Pitting</li> </ul> | <ul style="list-style-type: none"> <li>• Bad Taste and Odor</li> <li>• Chlorine Taste and Odor</li> <li>• Low pH problems</li> </ul> | <ul style="list-style-type: none"> <li>• Sediment and Solids</li> <li>• Cloudy Turbid Water</li> <li>• Appliance / Pipe Corrosion</li> </ul> |
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### “Performance Like No Other”

### CASCADIAN® PolyHalt® Hard Water Conditioners



- Are Eco-Friendly

- Salt free
- Produce no waste water
- No power required



- Soft water benefits:

- Spots easily wipe up.
  - Soaps lather, clothes are cleaner, spots clean easier and you use less soap.
  - 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 Cost 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



# Effective Eco-Friendly Water Conditioning Made Simple

1. Find Water Quality Problems Below

2. Find Solutions to the Right

Ask About Other ICS Solutions

### Problems & Solutions Matrix

	P	S5	SIP	SP	ST	STP	TO	TP
Bad Taste and Odor					X	X	X	X
Chlorine Bad Taste and Odor					X	X	X	X
Hardness / Mineral Deposits	X		X	X		X		X
Clear Iron and Manganese	X		X	X		X		X
Colored Iron and Manganese		X	X	X	X	X		
pH (low) and aggressive water	X		X	X		X		X
Sediment		X	X	X	X	X		
Silica – Corrosion, Etching and Pitting	X		X	X		X		X
Max Flow Rate (gpm)	15							
Number of Filters	1	1	2	1	2	2	2	1
Connection Size	1"							
Maximum Treatable gallons	140,000 (a whole year in most cases)							

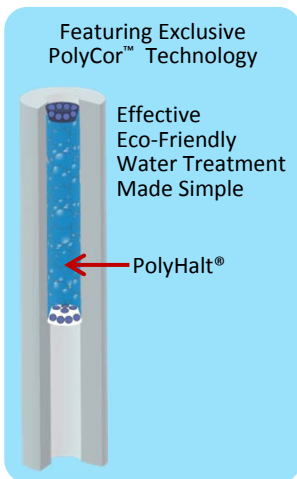
### General Specifications:

- 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.

Featuring Exclusive PolyCor™ Technology



Effective Eco-Friendly Water Treatment Made Simple

PolyHalt®



- P – PolyHalt® Only
  - S5 – Sediment Only
  - SP – Sediment / PolyHalt®
  - TP Taste & Odor / PolyHalt®
- 8½" x 8½" x 26½"



- STP– Sediment, Taste & Odor / PolyHalt®
  - SIP – Sediment, Iron / PolyHalt®
  - ST – Sediment, Taste & Odor
  - TO – Double Taste & Odor
- 15¼" x 8½" x 26½"



Satisfaction Guarantee



### 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

Made In U.S.A.



From Foreign and Domestic Components