



Specifications - OxiTRAP®

CASCADIAN® OxiTRAP® 58X Automatic Iron, Manganese and H₂S Filter System

- For salt, chemical and air free treatment of problematic iron, manganese and sulfur “rotten egg” odors
 - Iron up to 15.0 ppm
 - Manganese up to 7.0 ppm
 - Hydrogen sulfide up to 3.0 ppm
- Non-corrosive fiberglass reinforced media tank
- 58X ADVANCED SOLID STATE MICROPROCESSOR BASED SMART CONTROLLER
 - Full Color Touch Screen Display – User Friendly Interface – Easy to read and program
 - Custom Programmable “Call for Service Screen”
 - Cartridge-Based seal and spacer design
 - Metered – Regenerates only when needed
 - Viewable System Information Includes:
 - Current Flow Rate, Peak Flow Rate, Last Regeneration, Reserve, No. of Regenerations.
 - Regeneration Interval, Daily Usage, Usage Since Last Regeneration, Last Setting Change, Total Volume Treated Through Unit and System Diagnostics
- High flow 1” or 1.25” connections and bypass

Note: Equipment Model, Size and Colors May Vary From Photo



CASCADIAN® OxiTRAP® 58X Series							
Part #:	Tank Size (inch)	Height w/Valve (inch)	Service Rate Max GPM	Std. Piping Size (inch)	*Backwash GPM Cold water <=60°F	†Gallons Treated Between Backwashes	Total Backwash in Gallons <=60°F
OXITRAP-085X	8 X 40	49	4.5	1	6	5,000	175
OXITRAP-095X	9 X 48	57	6	1	7	5,000	175
OXITRAP-105X	10 X 54	66	9	1	9	7,500	225
OXITRAP-125X	12 X 52	64	12	1.25	12	10,000	300
OXITRAP-135X	13 X 54	66	15	1.25	14	12,500	350
OXITRAP-145X	14 X 65	75	18	1.25	16	15,000	400
OXITRAP-165X	16 X 65	75	24	1.25	21	20,000	525

- a) Testing recommended for iron, heme (organic bound) iron, hydrogen sulfide, manganese, pH, TDS (Total Dissolved Solids), Turbidity and ORP (Oxidation Reduction Potential).
- b) *Pump Capacity MUST Meet or Exceed Required Backwash Flow Rate at 35 psi. Add 30-50% to Backwash gpm when water temperature is >60°F.
- c) † Based on 1.0 ppm (mg/L) iron and 0.1 ppm (mg/L) Manganese. Reduce by 33% with H₂S. Results may vary.
- d) Waters with tannins (organics), iron bacteria, colloidal iron, high TDS and/or low ORP may require additional treatment.

CASCADIAN® OxiTRAP™ Media Kits

OxiTRAP™ Media Kits are sold only to re-bed existing systems, serial number of existing system is required to purchase and must be included for order to be processed.

CASCADIAN® Professional Water Treatment Products Since 1994

5301 Airport Rd. Cle Elum, WA. 98922

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



Specifications - OxiTRAP®

Use(s):	Raw water quality conditions:	Regenerant:	Possible ICS Alternative:
Reduce iron, manganese and hydrogen sulfide (H ₂ S) odor	Turbidity <= 1 NTU Iron <= 15 ppm Iron bacteria – none Manganese <= 7 ppm H ₂ S <= 3 ppm Tannins <= 0.2 ppm pH 5.0 - 9.0 No oils or organics (tannins) ORP ≥ 100	Water	Any ICS System that contains a “P” or an “I” in the part number. or ICS-H for H ₂ S “rotten egg” odor



CASCADIAN® OxiTRAP®

Very effective treatment for iron, manganese and hydrogen sulfide rotten egg odor. Contact Cascadian Water for design assistance.