

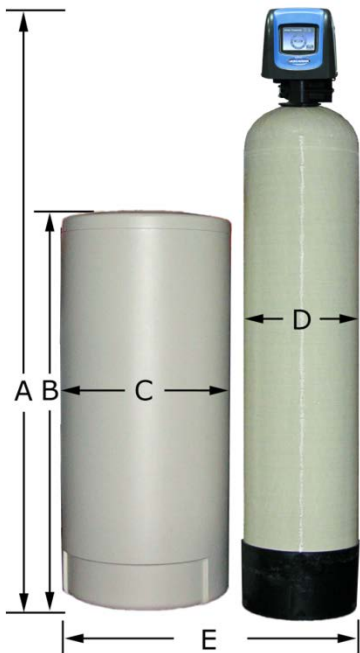


Specifications - OrganicTRAP™

CASCADIAN® OrganicTRAP™ 58X Automatic Organic Removal System

- For treatment of waters with naturally occurring organics (including tannins)
- Improves taste, removes organic odor and color
- Stops organic staining of clothing and appliances
- 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® OrganicTRAP™ 58X Series						
Part #:	Tank Size (inch)	Height w/Valve (inch)	Std. Piping Size (inch)	Best Results GPM	Excellent Results GPM	Good Results GPM
ORTRAP-095X	9 X 48	57	1	1	2	4
ORTRAP-105X	10 X 54	66	1.25	1.5	3	6
ORTRAP-125X	12 X 52	64	1.25	2	4	8
ORTRAP-135X	13 X 54	66	1.25	2.5	5	10
ORTRAP-145X	14 X 65	75	1.25	3	6	12
ORTRAP-165X	16 X 65	75	1.25	4	8	16
ORTRAP-185X	18 x 65	75	1.25	5	10	20

*Service flow rate affected by water chemistry.

CASCADIAN® OrganicTRAP™ Media Kits					
Part #:	Media Kit Part #	Part #:	Media Kit Part #	Part #:	Media Kit Part #
ORTRAP-095X	MKORT09	ORTRAP-135X	MKORT13	ORTRAP-185X	MKORT18
ORTRAP-105X	MKORT10	ORTRAP-145X	MKORT14		
ORTRAP-125X	MKORT12	ORTRAP-165X	MKORT16		



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Use(s):	Raw water quality conditions:	Regenerant:	Possible ICS Alternative:
Tannin, TOC reduction	pH 6.8 - 8.5 Turbidity <= 0.3 NTU Hardness <= 10 grains Iron <= 0.5 ppm Iron bacteria - none Manganese <= 0.25 ppm Tannins <= 2 ppm TDS <= 500	Salt	None:

CASCADIAN® OrganicTRAP™

Product Notes

The CASCADIAN® OrganicTRAP™ is a special purpose ion exchange system specially designed to remove tannins, organic color, and other naturally occurring organics including organically bound complexes (such as heme iron) from water. Installation and the way it works is very similar to a CASCADIAN® softener. The resin used is specially designed to attract organics rather than hardness minerals. Like a softener, once the OrganicTRAP™ resin becomes exhausted it is regenerated with brine and then placed back into service. Unlike other organic removal systems the special design of the OrganicTRAP™ Resin does not have the effect of lowering the pH of the water so it is not necessary to install an acid neutralizer when using the OrganicTRAP™.

These notes are intended to be a supplement to the instructions for installing a CASCADIAN® softener and address the differences noted. Aside from the special OrganicTRAP™ resin the biggest differences between the OrganicTRAP™ system and a softener are the potential for requirement for a special brine solution and a longer contact time between the brine solution and resin to complete the regeneration process. The vast majority of OrganicTRAP™ installations do not require the special brine solution or longer contact time between the brine solution and resin.

If the water to be treated requires softening and organics removal place the separate CASCADIAN® softener upstream from the CASCADIAN® OrganicTRAP™ system.

