



Specifications - SuperTRAP[®]

CASCADIAN[®] SuperTRAP[®] 58X Automatic Filter System

- A superior filter for colored iron, suspended solids and turbidity
- Superior alternative to traditional multi-media, ceramic AND other media filters
- No chemicals required, simple backwash regeneration, filter to 5 micron or less
- High loading capacity reduces backwash frequency – conserves water
- Protects and reduces load on down stream equipment
- 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 [®] SuperTRAP [®] 58X Series							
Part #:	Tank Size (inch)	Height w/Valve (inch)	Best Results Service Rate GPM	Std. Piping Size (inch)	Max Service Rate GPM	*Backwash Rate GPM	Total Backwash in Gallons
SPTRAP-075X	7 x 44	53	3	1	5	3	60
SPTRAP-085X	8 X 40	49	4	1	6	4.5	90
SPTRAP-095X	9 X 48	57	5	1	9	5	100
SPTRAP-105X	10 X 54	66	7	1	10	7	140
SPTRAP-125X	12 X 52	64	9	1.25	15	10	200
SPTRAP-135X	13 X 54	64	11	1.25	18	12	240
SPTRAP-145X	14 X 65	75	13	1.25	21	15	300
SPTRAP-165X	16 X 65	75	17	1.25	28	18	360
SPTRAP-185X	18 X 65	75	20	1.25	35	20	400

- a) *Pump Capacity MUST Meet or Exceed Required Backwash Flow Rate at 25 psi.
- b) May combine with other CASCADIAN[®] filters or softeners as required.

CASCADIAN[®] SuperTRAP[®] Media Kits

SuperTRAP[®] 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.



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Use(s):	Raw water quality conditions:	Regenerant:	Possible ICS Alternative:
Clarifying Suspended solids Sediment Turbidity	pH 6.5 – 8.5	Water	Any ICS system with an "S" in the part number

CASCADIAN® SuperTRAP®

Product Notes

CASCADIAN® SuperTRAP® filter systems are superior to traditional backwashing media filters. SuperTRAP® filters use a high quality, granular, zeolite filter media. SuperTRAP® filter systems achieve higher solids loading & superior filtration performance compared to conventional filters. With superior media and a high performance control valve the CASCADIAN® SuperTRAP® filter system is the ideal backwashing filter.

Advantages:

- Lower pressure loss for a given flow rate
- Higher solids loading capacity
- Enhanced filtration performance
- Light weight reduces shipping costs
- Single media replaces multimedia

Benefits:

High solids loading capacity reduces backwash frequency and conserves water. Superior filtration performance reduces the load on downstream treatment equipment. High service flow rates reduce new equipment costs and provide expansion opportunities for existing equipment. Single media solution provides for easy re-bedding and reduced inventory.

Installation Note:

The SuperTRAP® zeolite filter media tends to float when first mixed with water. The media needs to soak prior to initial backwash. Please allow at least 30 minutes to soak and if time allows soak overnight to avoid media loss and for the best performance when the system is placed into service after installation.

