Canature™ WaterGroup

Commercial/Industrial Engineering Division

STS – 95 Single Valve Series Commercial Water Filter

Greensand (CW MG Filter)

GREENSAND (CW MG FILTER) For the oxidation and removal of iron, manganese, and hydrogen sulfide. Provides filtration level to 30 micron. Requires a potassium permanganate, chlorine, or other strong oxidant injection assembly to assist oxidative capacity of the filter media

Canature WaterGroup™ has dedicated professional engineers with decades of commercial water treatment experience. Over the years, they have built a reputation for designing efficient, high quality commercial water systems.

Our **STS – 95 Single Valve Series** filters provide high quality filtered water. The system is engineered and thoroughly tested to provide years of reliable, trouble free performance with minimal maintenance.

Operating Parameters

- **Operating pressure: 20 - 100 psi**
- **Operating temperature: 39 - 100° F**
- **Electrical: Input 120V 60 Hz - Output 12VAC**

Materials of Construction

- **Control Valve: Plastic PPO (Noryl)**
- **Resin Tanks: Corrosion resistant fibreglass reinforced polyethylene NSF 44 Certified**
- **Internal Distributors**

Standard Features

- **95 high flow control valve with RWB piston (standard)**
- **Large display: Fully programmable and easy to set electronic controller**
- **Inlet/Outlet connection sizes available in 1”, 1.25”, and 1.5”**
- **Advanced Diagnostic Information: Easily trouble shoot and access system information displayed in real time**
- **Optional Auxiliary Contact: activated for regeneration cycle**
- **Battery Back Up System: In the event of a power loss, the system can continue to meter and monitor water usage for up to 9 hours**

For Applications Such As:

Apartments • Boiler Treatment • Cooling Towers • Motels • Schools • Nursing Homes
Car Wash • Dairies • Factories • Laundromats • Office Buildings • Resorts
Restaurants • RO Pre-treatment • Office Buildings • Hospitals

STS – 95 Single Valve Series Commercial Water Filter Specifications

Manganese Greensand Filters

Model	0-3 PPM	3-8 PPM	8-15 PPM	Max Flow To Drain	Mineral Tank		Installation		
	Max Service Flow Rate				Diameter	Height	Height	Depth	Width
	USPGM	USPGM	USPGM	USPGM	In	In	In	In	In
	(L/S)	(L/S)	(L/S)	(L/S)	(mm)	(mm)	(mm)	(mm)	(mm)
STS MG14-1.25”	5	3	2	10	14	65	75	20	20
	0.32	0.19	0.13	0.63	356	1,651	1,905	508	508
STS MG16-1.25”	7	4	2.5	15	16	65	75	22	22
	0.44	0.25	0.16	0.95	406	1,651	1,905	559	559
STS MG18-1.25”	9	5	3.5	15	18	65	75	24	24
	0.56	0.32	0.22	0.95	475	1,651	1,905	610	610
STS MG21-1.25”	12	7	5	25	21	62	77	27	27
	0.76	0.44	0.32	1.58	533	1,575	1,956	686	686

STS 95 Single Valve Series

Designed, Engineered & Assembled in the U.S.A.

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Toll Free: 877-288-9888
www.canaturewg-cied.com

Regina, SK • Cambridge, ON • Carmel, IN • Fridley, MN
Phoenix, AZ • Pottstown, PA

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