

105STS/MTS Valve Series Commercial Water Filter Chem Free (105STS/MTS Filter)

CHEM FREE (105STS/MTS FILTER) Removes dissolved, precipitated and bacterial iron from water supply with no chemicals added to the water supply or the filter.

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 **105STS 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 Distribution

Standard Features

- 105 high flow control valve with RWB piston (standard)
- Large display: Fully programmable and easy to set electronic controller
- Inlet/Outlet connection sizes available in 1.5" and 2"
- 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 outage, the system can continue to meter and monitor water usage for up to 9 hours



For Applications Such As:

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

105STS/MTS Valve Series Commercial Water Filter Specifications

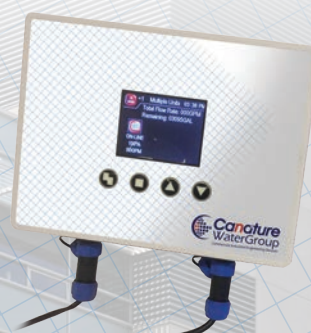
Chem Free Filters

Single Series Model	Typical	Peak	Max Flow To Drain	Pipe Size		Media	Mineral Tank		Installation			Shipping Weight	Operating Weight									
	System Flow Rate			Service	Drain	Per Tank	Diameter	Height	Height	Depth	Width											
	USGPM	USGPM												USGPM	in	in	CF	in	in	in	in	in
	l/s	l/s												l/s	mm	mm	m³	mm	mm	mm	mm	mm
105STS	3	5	10	2"*	2"*	2.75	14	65	86	32	20	446	846									
CF14-2"*	0.19	0.32	0.63	51	51	0.08	356	1,651	2,184	813	508	202	384									
105STS	4	7	15	2"*	2"*	3.5	16	65	88	33	22	496	996									
CF16-2"*	0.25	0.44	0.95	51	51	0.1	406	1,651	2,235	838	559	225	452									
105STS	5	9	15	2"*	2"*	4.5	18	65	88	34	24	652	1,252									
CF18-2"*	0.32	0.57	0.95	51	51	0.13	475	1,651	2,235	864	610	296	568									
105STS	7	12	25	2"*	2"*	6	21	62	88	36	27	842	1,642									
CF21-2"*	0.44	0.76	1.5	51	51	0.17	533	1,575	2,235	914	686	382	745									
105STS	9	16	30	2"	2"	8	24	72	96	37	30	1,139	2,239									
CF24-2"	0.57	1.01	1.89	51	51	0.23	610	1,829	2,438	940	762	517	1,016									
105STS	15	25	50	2"	2"	12.5	30	72	107	40	36	2,000	3,600									
CF30-2"	0.945	1.575	3.15	51	51	0.35	762	1,829	2,718	1,016	914	907	1,633									
105STS	21	35	70	2"	2"	17.6	36	72	107	44	42	2,600	4,600									
CF36-2"	1.323	2.21	4.41	51	51	0.50	914	1,829	2,718	1,118	1,067	1,180	2,087									

* 1.5" also available



105STS Single Valve Series



MTS Controller



TOLL-FREE: 877-288-9888
www.canaturewg-cied.com

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