



Central Texas Water Softeners™

Commercial/Industrial Engineering Division

105STS/MTS Valve Series Commercial Water Filter Multi-Media (105STS/MTS MM Filter)

MULTI-MEDIA (105STS/MTS MM FILTER) For removal of sediment, dirt and other forms of suspended matter. Provides particle filtration down to 10 micron with increased service flow rate per square foot bed area over traditional sand media filters. Media has excellent chemical properties—high silica content and low soluble calcium, magnesium and iron compounds.

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



STS system



MTS system

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

Multi Media Filters

Single Series Model	Typical	RO	Max Flow To Drain	Pipe Size		Media Per Tank	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Service Flow Rate			Service	Drain		Diameter	Height	Height	Depth	Width		
	USGPM	USGPM	USGPM	in	in	in	in	in	in	in	lbs	lbs	
	l/s	l/s	l/s	mm	mm	m ³	mm	mm	mm	mm	kg	kg	
105STS/MTS MM14-2"*	10	8	10	2"*	2"*	2.65	14	65	86	32	20	413	813
	0.63	0.5	0.64	51	51	0.08	356	1,651	2,184	813	508	188	369
105STS/MTS MM16-2"*	14	11	15	2"*	2"*	3.5	16	65	88	33	22	513	1,013
	0.88	0.69	0.95	51	51	0.1	406	1,651	2,235	838	559	233	460
105STS/MTS MM18-2"*	17	13	15	2"*	2"*	4.4	18	65	88	34	24	651	1,251
	1.07	0.82	1.26	51	51	0.13	475	1,651	2,235	864	610	295	568
105STS/MTS MM21-2"*	24	19	25	2"*	2"*	6	21	62	88	36	27	827	1,627
	1.5	1.2	1.89	51	51	0.17	533	1,575	2,235	914	686	375	738
105STS/MTS MM24-2"	30	25	40	2"	2"	7.7	24	72	96	37	30	1,027	2,127
	1.89	1.58	2.52	51	51	0.22	610	1,829	2,438	940	762	466	965
105STS/MTS MM30-2"	48	39	60	2"	2"	12.5	30	72	107	40	36	1,800	3,400
	3.02	2.457	3.78	51	51	0.35	762	1,829	2,718	1,016	914	817	1,543

* 1.5" also available



105STS Single Valve Series



MTS Controller



CENTRAL TEXAS WATER SOFTENERS

Call Us Today! 830.730.6799

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