

105STS/MTS Valve Series Commercial Water Filter

Nextsand (105STS/MTS NX Filter)

NEXTSAND (105STS/MTS NX FILTER) Remove suspended solids, ferric hydroxide (red water iron) or sediment from your well or water system down to 5 microns. Nextsand has proven extremely effective and will provide double the service flow rates of multi-media or sand filters.

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

Next Sand Filters

Single Series Model	Typical	Peak	RO	Max Flow To Drain	Pipe Size		Media Per Tank	Mineral Tank		Installation			Shipping Weight	Operating Weight
	Max.Recommended Flow Rates				Service	Drain		Diameter	Height	Height	Depth	Width		
	USGPM	USGPM	USGPM	USGPM	in	in	CF	in	in	in	in	in	lbs	lbs
	l/s	l/s	l/s	l/s	mm	mm	m ³	mm	mm	mm	mm	mm	kg	kg
105STS/MTS NX14-2"*	10	15	8	12	2"*	2"*	2.75	14	65	86	32	20	343	743
	0.63	0.95	0.5	0.76	51	51	0.078	356	1,651	2,184	813	508	156	337
105STS/MTS NX16-2"*	14	20	11	15	2"*	2"*	3.5	16	65	88	33	22	429	929
	0.88	1.26	0.69	0.95	51	51	0.1	406	1,651	2,235	838	559	194	421
105STS/MTS NX18-2"*	17	26	13	20	2"*	2"*	4.5	18	65	88	34	24	544	1,144
	1.07	1.64	0.82	1.26	51	51	0.127	475	1,651	2,235	864	610	247	519
105STS/MTS NX21-2"*	24	36	19	30	2"*	2"*	6	21	62	88	36	27	677	1,477
	1.51	2.27	1.2	1.89	51	51	0.17	533	1,575	2,235	914	686	307	670
105STS/MTS NX24-2"	30	47	25	40	2"	2"	8	24	72	96	37	30	857	1,957
	1.89	2.96	1.58	2.52	51	51	0.23	610	1,829	2,438	940	762	389	888

* 1.5" also available



105STS Single Valve Series



MTS Controller



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

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