

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

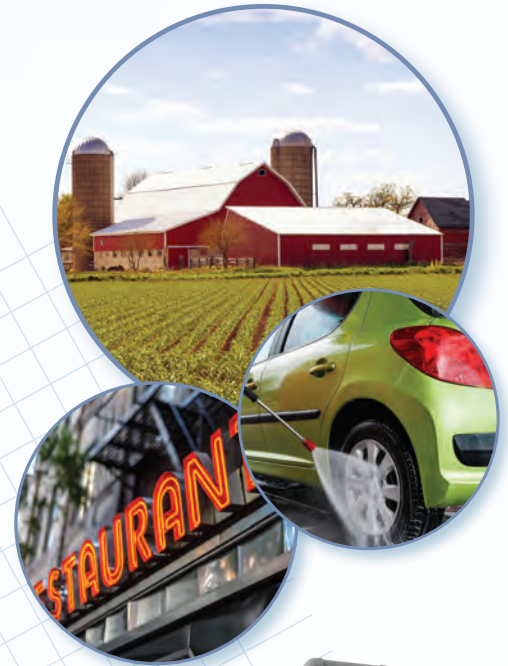
- Operating pressure: 20 - 100 psi
- Operating temperature: 39 - 100° F
- Electrical: Input 120V 60 Hz - Output 12VAC

Materials of Construction

- Control Valve: Plastic PPO (Noryl) - NSF 44 Certified
- Resin Tanks: Corrosion resistant fibreglass reinforced polyethylene - NSF 44 Certified
- Internal Distribution
- NSF 44 Certified for Materials and Structural Integrity Requirements

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

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 | mm | 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



NSF 44 Certified for Materials and Structural Integrity Requirements*

* Valve and tank are NSF 44



TOLL-FREE: 877-288-9888

www.canaturewg-cied.com



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