

# MTS 95 Series Commercial Water Filter Birm (CW BF Filter)

All systems are available in single, duplex, triplex, and quadplex operation.

**BIRM (CW BF FILTER)** For the reduction of dissolved iron and manganese compounds. The Birm media is not consumed in the iron removal operation resulting in a low attrition loss. It has a wide temperature performance range and extremely high removal efficiency. The media does not require chemicals for regeneration and only periodic backwashing is required.

Canature WaterGroup<sup>™</sup> 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 softener systems.

Our **MTS 95 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 24V

## Materials of Construction

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

## Standard Features

- MTS Controller: Fully programmable remote mounted control box.
- Parallel Flow: All tanks on-line and are interlocked so only one can regenerate at a time
- System Interlock: A signal from other equipment can be accepted lock out and prevent the system from regenerating
- Advanced Diagnostic Information: Easily trouble shoot and access system information displayed in real time.
- Auxiliary Outputs: Up to two programmable outputs / relays can be added
- 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
- Optional: Treated water regeneration



## 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

# MTS 95 Series Commercial Water Filter Specifications

## Birm Filters

Model	Service	Max To Drain	Mineral Tank		Installation		
	Flow Rate		Diameter	Height	Height	Depth	Width
	USGPM (L/S)	USGPM (L/S)	In (mm)	In (mm)	In (mm)	In (mm)	In (mm)
MTS BF14-1.25"	5 (0.32)	10 (0.63)	14 (356)	65 (1,651)	75 (1,905)	20 (508)	20 (508)
MTS BF16-1.25"	7 (0.44)	15 (0.95)	16 (406)	65 (1,651)	75 (1,905)	22 (559)	22 (559)
MTS BF18-1.25"	9 (0.57)	15 (0.95)	18 (475)	65 (1,651)	75 (1,905)	24 (610)	24 (610)
MTS BF21-1.25"	12 (0.76)	25 (1.58)	21 (533)	62 (1,575)	77 (1,956)	27 (686)	27 (686)



MTS 95 Series Valve



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