



# Central Texas Water Softeners<sup>TM</sup>

Commercial/Industrial Engineering Division

## 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>TM</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
	USPGM	USPGM	In	In	In	In	In
	(L/S)	(L/S)	(mm)	(mm)	(mm)	(mm)	(mm)
MTS BF14-1.25"	5	10	14	65	75	20	20
	0.32	0.63	356	1,651	1,905	508	508
MTS BF16-1.25"	7	15	16	65	75	22	22
	0.44	0.95	406	1,651	1,905	559	559
MTS BF18-1.25"	9	15	18	65	75	24	24
	0.57	0.95	475	1,651	1,905	610	610
MTS BF21-1.25"	12	25	21	62	77	27	27
	0.76	1.58	533	1,575	1,956	686	686



MTS 95 Series Valve



**CENTRAL TEXAS  
WATER SOFTENERS**

Call Us Today! 830.730.6799

20540 SH 46 E #115-306,  
Spring Branch, TX 78070

[www.texaswatersofteners.com](http://www.texaswatersofteners.com)