

# Hydrotech®

## Single Solution Systems For Multiple Water Problems

Many ground water supplies often have multiple problems that are not only an issue from an aesthetic standpoint but in terms of cost when pipes become clogged, fixtures stained and laundry discolored. Combination units use mixed beds of a variety of different medias to provide one solution for your water woes.

### MBHTO Series - Hardness, Taste and Odor

Remove unpleasant tastes and odor caused by chlorine and organics while also softening your water with a mixed bed of carbon and cation exchange resin.

### MBHTO - MIXED BED HARDNESS, TASTE, ODOR (SINGLE TANK SYSTEM)

Part #	Model	Brine Tanks Type, Size, Color	Resin Tank Size & Colour	Weight (LBS)
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#### 89 Series 1" Upflow

15102500	HT89UF-75MBHTO	BTS-100 Black	8x44 Black	93
15102518	HT89UF-100MBHTO	BTS-100 Black	9x48 Black	110
15102536	HT89UF-150MBHTO	BTS-100 Black	10x54 Black	141
15102723	HT89UF-200MBHTO	BTS-100 Black	12x52 Black	150

#### 785 Series Upflow

15102554	HT785UF-75MBHTO	BTS-100 Black	8x44 Black	93
15102572	HT785UF-100MBHTO	BTS-100 Black	9x48 Black	110
15102590	HT785UF-150MBHTO	BTS-100 Black	10x54 Black	141

#### 565 Series

15102608	HT565-75MBHTO	BTS-100 Black	8x44 Black	93
15102626	HT565-100MBHTO	BTS-100 Black	9x48 Black	110
15102644	HT565-150MBHTO	BTS-100 Black	10x54 Black	141

#### 765 Series

15102662	HT765-75MBHTO	BTS-100 Black	8x44 Black	93
15102680	HT765-100MBHTO	BTS-100 Black	9x48 Black	110
15102698	HT765-150MBHTO	BTS-100 Black	10x54 Black	141



Soft, Clean  
Truly Refined  
Water



## Features:

- Exclusive NSF Certified electronic control valve (systems available with Hydrotech 89, 785, 565 and 765 control valves)
- User friendly LCD display with 48 hour memory back-up
- Fully adjustable cycles allow for the most efficient settings based on the specific water quality requirements
- NSF Certified fibreglass pressure tank
- High density polyethylene salt tank
- Brine safety valve for added overflow protection
- Plastic salt grid prevents salt bridging
- Unique precision turbine meter is incorporated in system bypass valve – saving space over 4" of floor space
- Time saving quick connect fittings on brine line, drain line (with 0-ring seal) and power cord for fast and easy installations



### 89 valve

- True 1" porting for high flow rates up to 18" systems. Ideal for larger homes.
- Large Backlit LCD display screen with 4 line / 80 character touch pad screen.
- Seven Year Warranty



### 785 valve

- High flow rates up to 16" systems.
- Rotating 'No Touch' Information Display (i.e. Date last regenerate, volume remaining)
- Seven Year Warranty



### 565 valve

- Simple user friendly 2 line /32 character display
- Rotating 'No Touch' Information Display (i.e. Date last regenerate, volume remaining)
- Seven Year Warranty



### 765 valve

- Simple electronics with index knob to manually initiate regeneration and select cycle position
- Five Year Warranty

Specifications	MBHTO-75	MBHTO-100	MBHTO-150
<b>Capacity</b>			
@ 10 LBS	15,900	21,200	31,800
@ 6 LBS (Factory Setting)	13,200	17,600	26,400
@ 3 LBS	8,400	11,200	16,800
Resin (ft3)	0.60	0.80	1.20
Carbon (ft3)	0.15	0.20	0.30
Tank Size	8x44	9x48	10x54
Media Loaded	Yes	Yes	Yes
Brine Tank Size (Inches)	BTR 18.1 x 34.5 BTS 15.0 <sup>2</sup> x34.7	BTR 18.1 x 34.5 BTS 15.0 <sup>2</sup> x34.7	BTR 18.1 x 34.5 BTS 15.0 <sup>2</sup> x34.7
Salt Storage Capacity	BTS 240 lbs BTR 270 lbs	BTS 240 lbs BTR 270 lbs	BTS 240 lbs BTR 270 lbs
Service Flow Rate (USGPM)	8.0	10.0	12.0
Back Wash Flow Rate (USGPM)	1.5	2.0	2.4
Shipping Weight (not incl jacket)	93	110	141
Regeneration Type	Up Flow (89 /785 Control); Down Flow (565 / 765 Control)		
Plumbing Connections	Includes 3/4" 90° elbows NPT 89 model: 1" elbows NPT		
Resin Type	Aquafine™ 8% High Capacity Ion Exchange Resin		
Carbon Type	Activated Carbon		
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA		
Water Temperature	Min 39 - Max. 100° F		
Water Pressure	Min. 20 - Max. 125 psi		



# Hydrotech®

A Division of



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