

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.

HIMTLC Series - Hardness, Iron, Manganese & Tannins

Rid your water of hardness minerals (calcium and magnesium) and enjoy soft skin, silky hair, spot free dishes and brighter laundry while protecting your plumbing and water using appliances from scale build-up.

Removing iron and manganese will keep fixtures from getting stained as well as removing the taste and smell.

Tannins, caused by decaying organic matter, are normally found in surface water systems and cause a yellow or brown color in the water that does not settle and will stain laundry.



DUAL TANK HIMTLC 850 - HARDNESS, IRON, MANGANESE, TANNINS, LIGNIN & COLOR

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

15101200-1	HT89UF-100HIMTLC850	BTS-100 Black	10x54 Black	133
15101218-1	HT89UF-150HIMTLC850	BTR-145 Black	12x52 Black	153
15101227-1	HT89DF-200TLC850	BTR-145 Black	13x54 Black	220

785 Series Upflow

15101268-1	HT785UF-100HIMTLC850	BTS-100 Black	10x54 Black	133
15101286-1	HT785UF-150HIMTLC850	BTR-145 Black	12x52 Black	153
15101295-1	HT785UF-200HIMTLC850	BTR-145 Black	13x54 Black	220

565 Series

15101336-1	HT565-100HIMTLC850	BTS-100 Black	10x54 Black	133
15101354-1	HT565-150HIMTLC850	BTR-145 Black	12x52 Black	153
15101363-1	HT565-200HIMTLC850	BTR-145 Black	13x54 Black	220
15101366-1	HT565-250HIMTLC850*	BTR-145 Black	14x65 Natural	244
15101369-1	HT565-300HIMTLC850*	BTR-200 Grey	14x65 Natural	268

765 Series

15101404-1	HT765-100HIMTLC850	BTS-100 Black	10x54 Black	133
15101422-1	HT765-150HIMTLC850	BTR-145 Black	12x52 Black	153

*Media not loaded in mineral tank.



IAPMO R & T Certified
Against NSF/ANSI 42 and
CSA B483.1



Tank Mate™
Patent Pending
Included with all systems

Features:

- ➔ Exclusive NSF Certified electronic control valve (systems available with Hydrotech 89, 785, 565 and 765 control valves)
- ➔ Two tank system uses high quality anion and cation resin to remove hardness, iron, manganese and tannins
- ➔ NSF Certified control valve with simple, backlit electronics. No confusing symbols
- ➔ NSF Certified pressure tanks
- ➔ Plastic salt grid prevents salt bridging
- ➔ Brine safety valve for added overflow protection
- ➔ Unique space saving bypass valve included



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

Specifications	HIMTLC-100 850	HIMTLC-150 850	HIMTLC-200 850	HIMTLC-250 850	HIMTLC-300 850
	HIMTLC-100 860	HIMTLC-150 860	HIMTLC-200 860	HIMTLC-250 860	HIMTLC-300 860
Salt Used - Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	30.0 lbs	36.0 lbs
Water Used - Regeneration	64.3 gal	90.3 gal	124.6 gal	160.8 gal	196.2 gal
Hardness Removal - Grains	30,000	45,000	60,000	75,000	90,000
Tannins Removal	2000 ppm	3000 ppm	4000 ppm	5,000 ppm	6000 ppm
Tank #1 Resin Quantity - Cubic Feet	1.0 ft3	1.5 ft3	2.0 ft3	2.5 ft3	3.0 ft3
Tank #2 Resin Quantity - Cubic Feet	1.0 ft3	1.5 ft3	2.0 ft3	2.5 ft3	3.0 ft3
Tank Size	9x48	10x54	12x52	13x54	14x65
Media Loaded	Yes	Yes	No	No	No
Brine Tank Size (Inches)	BTR 18.1 x 34.5 BTS 15.0 ² x34.7	20.3 x 37.4	20.3 x 37.4	20.3 x 37.4	23.0 x 40.5
Salt Storage Capacity	BTS 240 lbs BTR 270 lbs	350 lbs	350 lbs	350 lbs	420 lbs
Recommended Service Flow Rate	3.0 gpm	4.5 gpm	6.0 gpm	7.5 gpm	9.0 gpm
Flow Rate @ 15 psi Pressure Drop	7.3 gpm	7.5 gpm	8.3 gpm	12.4 gpm	9.3 gpm
Flow Rate @ 25 psi Pressure Drop	10.0 gpm	10.1 gpm	11.1 gpm	16.4 gpm	11.4 gpm
Back Wash Flow Rate	2.0 gpm	2.4 gpm	3.5 gpm	4.0 gpm	5.0 gpm
Shipping Weight	125 lbs	158 lbs	161 lbs	208 lbs	247 lbs
Regeneration Type	Counter-Current / Up Flow				
Maximum Hardness	75 Grains Per Gallon				
Maximum Tannins	3.0 ppm (Contact Customer Service for higher levels)				
Maximum Iron (Ferrous)	1.5 ppm				
Maximum Manganese	0.75.0 ppm				
Resin Type	Aquafine™ 8% High Capacity Ion Exchange Resin / Anion Exchange Resin (850 or 860)				
Plumbing Connections	Includes 3/4" 90°Elbows & 1" Straight NPT				
Electrical Requirements	Input 120V 60 Hz - Output 12V 550mA				
Water Temperature	Min 39 - Max. 100° F				
Water Pressure	Min. 20 - Max. 125 psi				

*Units come with Easy Feeder and 64 oz bottle or ResCare

Note: CALL CUSTOMER SERVICE TO DETERMINE CORRECT MODEL. WATER TEST RESULTS REQUIRED

** SEE PRODUCT DATA SHEETS FOR IAPMO IRON REDUCTION SPECIFICATIONS.

*Includes ResCare Feeder Plus 64 oz of ResCare



Hydrotech®

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TOLL-FREE: 1-877-288-9888
www.hydrotechwater.com

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Your Local Water Treatment Professional



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
- ➔ Available in 100 and 150 sizes only



765 valve

- ➔ Simple electronics with index knob to manually initiate regeneration and select cycle position
- ➔ Five Year Warranty
- ➔ Available in 100 and 150 sizes only

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