

# 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.

### HEDP Series - High Hardness

Two tank system for high hardness (> 75gpg) water. First tank acts as workhorse significantly reducing hardness while second tank acts as polisher. Prevents hardness leakage common in single tank systems.

The second tank acts as a 'polisher' and reduces slippage as the overpowering high hardness condition has been significantly reduced. This also increases the contact time with the softener resin therefore more consistent.

Salt efficiency is even more important on high hardness situations. The HEDP Series Softener offers salt-efficient upflow regeneration for ultimate salt savings.

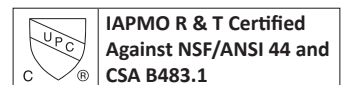


Soft,  
Luxurious  
Water

#### DUAL TANK HEDP - HIGH HARDNESS DUAL PASS (> 75 GPG)

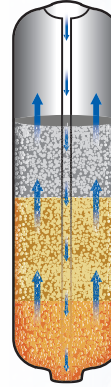
Part #	Model	Brine Tanks Type, Size, Color	Resin Tanks Size & Colour	Weight (LBS)
<b>89 Series 1" Upflow</b>				
15101900-1	HT89UF-100HEDP	BTR-200 Grey	9x48 Black	184
15101918-1	HT89UF-150HEDP	BTR-200 Grey	10x54 Black	201
15101923-1	HT89UF-200HEDP	BTR-200 Grey	12x52 Black	244
15101926-1	HT89UF-250HEDP*	BTR-200 Grey	13x54 Black	262
15101929-1	HT89UF-300HEDP*	BTR-200 Grey	14x65 Natural	286
<b>785 Series Upflow</b>				
15101930-1	HT785UF-100HEDP	BTR-200 Grey	9x48 Black	184
15101948-1	HT785UF-150HEDP	BTR-200 Grey	10x54 Black	201
15101953-1	HT785UF-200HEDP	BTR-200 Grey	12x52 Black	244
15101956-1	HT785UF-250HEDP*	BTR-200 Grey	13x54 Black	262
15101959-1	HT785UF-300HEDP*	BTR-200 Grey	14x65 Natural	286
<b>565 Series</b>				
15101960-1	HT565UF-100HEDP	BTR-200 Grey	9x48 Black	184
15101978-1	HT565UF-150HEDP	BTR-200 Grey	10x54 Black	201
<b>765 Series</b>				
15101990-1	HT765UF-100HEDP	BTR-200 Grey	9x48 Black	184
15102008-1	HT765UF-150HEDP	BTR-200 Grey	10x54 Black	201

\*Media not loaded in mineral tank.



## Features:

- Exclusive NSF Certified electronic control valve (systems available with Hydrotech 89, 785, 565 and 765 control valves)
- Two tank system provides softer, more consistent water quality and reduces hardness slippage or channelling which can occur in single tank systems
- Perfect for high hardness (typically > 75 gpg) residential and light commercial applications such as boiler feed systems
- More cost effective than larger single tank systems
- Upflow Regeneration for ultimate salt efficiency (89/785 only)
- Soft water brine tank refill keeps system clean (89/785 only)
- NSF Certified control valve & pressure tank
- IAPMO Certified cation resin
- Brine safety valve provides added overflow protection
- Plastic salt grid prevents bridging
- 48 hour self charging battery back-up
- Includes one-piece bypass integrated meter



**Upflow Regeneration** drives the hardness minerals up through the already depleted resin and out to drain - saving both salt and the unused portion of the resin for future use.



### 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
- 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

Specifications	HEDP-100	HEDP-150	HEDP-200	HEDP-250	HEDP-300
Salt Used - Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	30.0 lbs	36.0 lbs
Water Used - Regeneration	100 gal	175 gal	224 gal	226 gal	228 gal
Hardness Removal - Grains	30,000	45,000	60,000	75,000	90,000
Tank #1 Resin Quantity (ft <sup>3</sup> )	1.0 ft	1.50 ft	2.0 ft	2.5 ft	3.0 ft
Tank #2 Resin Quantity (ft <sup>3</sup> )	1.0 ft	1.50 ft	2.0 ft	2.5 ft	3.0 ft
Tank Size	9x48	10x54	12x52	13x54	14x65
Media Loaded	Yes	Yes	Yes	No	No
Brine Tank Size (Inches)	23.0 x 40.5	23.0 x 40.5	23.0 x 40.5	23.0 x 40.5	23.0 x 40.5
Salt Storage Capacity	420 lbs	420 lbs	420 lbs	420 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 gpm	7.4 gpm	9.0 gpm	9.2 gpm	9.3 gpm
Flow Rate @ 25 psi Pressure Drop	10.0 gpm	10.1 gpm	11.9 gpm	12.1 gpm	12.1 gpm
Back Wash Flow Rate	2.0 gpm	2.4 gpm	3.5 gpm	4.0 gpm	5.0 gpm
Shipping Weight	184 lbs	201 lbs	244 lbs	262 lbs	312 lbs
Regeneration Type	Up Flow (89 /785 Control); Down Flow (565 / 765 Control)				
Plumbing Connections	89 model 1" 90 degree elbows NPT Other Models 3/4" 90° elbows NPT				
Resin Type	Aquafine™ 8% High Capacity Ion Exchange Resin				
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA				
Water Temperature	Min 39 - Max. 100° F				
Water Pressure	Min. 20 - Max. 125 psi				



# Hydrotech®

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

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Your Local Water Treatment Professional