Hydrotech

Single Solution Systems For Multiple Water Problems

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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.

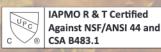
TLC Series - Tannins, Lignin and Color

Tannins are caused by decaying organic matter which stain most materials it comes into contact with. The system uses anion exchange resin to remove color caused by organic decay - greatly improving aesthetics and preventing costly staining.

TLC- TANNINS, LIGNIN, COLOR (SINGLE TANK SYSTEM)

SHAGEE	MINK STSTEIN)								
Part #	Model	Brine Tanks Type, Size, Color	Resin Tank Size & Colour	Weight (LBS)					
89 Series 1" Down Flow									
15102300	HT89DF-100TLC850	BTS-100 Black	10x54 Black	120					
15102318	HT89DF-150TLC850	BTR-145 Black	12x52 Black	151					
15102327	HT89DF-200TLC850	BTR-145 Black	13x54 Black	168					
15102330	HT89DF-250TLC850*	BTR-145 Black	14x65 Black	208					
15102333	HT89DF-300TLC850*	BTR-200 Grey	14x65 Natural	254					
785 Series Down Flow									
15102334	HT785DF-100TLC850	BTS-100 Black	10x54 Black						
15102352	HT785DF-150TLC850	BTR-145 Black	12x52 Black						
15102361	HT785DF-200TLC850	BTR-145 Black	13x54 Black						
15102364	HT785DF-250TLC850*	BTR-145 Black	14x65 Black						
15102367	HT785DF-300TLC850*	BTR-200 Grey	14x65 Natural						
565 Series									
15102368	HT565-100TLC850	BTS-100 Black	10x54 Black						
15102386	HT565-150TLC850	BTR-145 Black	12x52 Black						
15102395	HT565-200TLC850	BTR-145 Black	13x54 Black						
15102398	HT565-250TLC850*	BTR-145 Black	14x65 Black						
15102401	HT565-300TLC850*	BTR-200 Grey	14x65 Natural						
765 Series									
15102402	HT765-100TLC850	BTS-100 Black	10x54 Black						
15102420	HT765-150TLC850	BTR-145 Black	12x52 Black						
15102429	HT765-200TLC850	BTR-145 Black	13x54 Black						
15102432	HT765-250TLC850*	BTR-145 Black	14x65 Black						
15102435	HT765-300TLC850*	BTR-200 Grey	14x65 Natural						

Media not loaded in mineral tank.





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	TLC-100	TLC-150	TLC-200	TLC-250	TLC-300		
Factory Settings - High Capacity							
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		
Tannins Removal	2000 ppm	3000 ppm	4000 ppm	5000 ppm	6000 ppm		
Resin Quantity - Cubic Feet	1.0 ft	1.5 ft	2.0 ft	2.5 ft	3.0 ft		
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	11.0 gpm	11.2 gpm	12.2 gpm	12.4 gpm	12.6 gpm		
Flow Rate @ 25 psi Pressure Drop	15.0 gpm	15.1 gpm	16.2 gpm	16.4 gpm	16.6 gpm		
Back Wash Flow Rate	1.5 gpm	2.0 gpm	3.0 gpm	3.5 gpm	4.0 gpm		
Shipping Weight	122 lbs	155 lbs	158 lbs	208 lbs	244 lbs		
Regeneration Type	Co-Current / Down Flow						
Maximum Tannins	3.0 ppm (Contact Customer Service for higher levels)						
Plumbing Connections	Includes 3/4" 90°Elbows NPT 89 Valve 1" 90°Elbows NPT						
Resin Type	850 Anion Resin						
Electrical Requirements	Input 120V 60 Hz - Output 12V 550mA						
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit						
Water Pressure Min. 20 - Max. 125 psi							

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





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TOLL-FREE: 1-877-288-9888 www.hydrotechwater.com Your Local Water Treatment Professional