Hydrotech®

HT765DF TLC

SPECIFICATION SHEET

Water Filter

Tannin Removal Filter

The TLC Series system greatly improves aesthetics and prevents costly staining by using anion exchange resin to remove color caused by organic decay.



KEY FEATURES

Tannin Removal: Removes 2,000 ppm to 6,000 ppm of tannins.

Maximum Tannins: 3.0 ppm (contact Customer Service for higher levels).

Tank Features: Brine tank with safety float, air check and injection molded brine grid to reduce salt bridging. Optional neoprene pressure tank jacket.

VALVE FEATURES

Manual Index: Turn to desired cycle position for faster, easier installation & service.

3/4" 90-Degree Elbows: Included for easy installation.

Timesaving Quick Connect Fittings & Pre-Installed Bypass: Quick connect fittings on bypass, drain line (10' included), brine line and power cord, for easier, faster installations.



Simple Electronics: Just set time of day,hardness and number of people.

Optional Regeneration Modes: Meter immediate, meter delayed, meter override, calendar clock modes.

48-Hour Programming Memory: Automatic programming restore for up to 48 hours during power loss.

NSF COMPONENT

REMOVE **COLOR** CAUSED BY **ORGANIC DECAY**

5 YEAR WARRANTY
CONTROL VALVE

10 YEAR WARRANTY
TANKS

LEAD FREE UPC C ®

IAPMO R&T Certified to NSF/ANSI 372 and CSA B483.1.

Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	HT765-100TLC	HT765-200TLC	HT765-250TLC	HT765-300TLC
Purolite 850 Models*	15102402	15102429	15102432	15102435
FACTORY SETTINGS - HIGH CAPACITY				
Salt Used Per Regeneration	12.0 lbs	24.0 lbs	30.0 lbs	36.0 lbs
Water Used Per Regeneration	64.3 gal	124.6 gal	160.8 gal	196.2 gal
Tannins Removal	2,000 ppm	4,000 ppm	5,000 ppm	6,000 ppm
Resin Quantity (Cubic Feet)	1.0 ft^3	2.0 ft^3	2.5 ft^3	3.0 ft^3
Tank Size	9 x 48	12 x 52	13 x 54	14 x 65
Media Loaded	Yes	Yes	No	No
Salt Storage Capacity	240 lbs	350 lbs	350 lbs	420 lbs
Recommended Service Flow Rate	3.0 US gpm	6.0 US gpm	7.5 US gpm	9.0 US gpm
Flow Rate @ 15 psi Pressure Drop	11.0 US gpm	12.2 US gpm	12.4 US gpm	12.6 US gpm
Flow Rate @ 25 psi Pressure Drop	15.0 US gpm	16.2 US gpm	16.4 US gpm	16.6 US gpm
Backwash Flow Rate	2.0 US gpm	3.5 US gpm	5.0 US gpm	5.0 US gpm
Shipping Weight	95 lbs	155 lbs	200 lbs	235 lbs
Regeneration Type	DOWNFLOW (COCURRENT)			
Maximum Tannins	3.0 PPM (CONTACT CUSTOMER SERVICE FOR HIGHER LEVELS)			
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS			
Resin Type	Purolite® 850 OR 860 ANION RESIN			
Electrical Requirements	INPUT 120V 60 Hz - OUTPUT 12V 650mA			
Water Temperature Limits	MIN 40° - MAX 110° F (4° - 43° C)			
Water Pressure Limits	MIN 30 - MAX 125 PSI (207 - 862 KPA)			

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

Not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

Peak flow rates are intended for intermittent use only (10 minutes or less) and are for residential applications only. Do not use peak flow rate for commercial applications or for a continuous rate when treated water supplies are geothermal heat pump, swimming pool, etc. For satisfactory operation, the pumping rate of the well system must equal or exceed indicated backwash flow rate.

Contact Customer Service or Your sales representative for application guidelines.

DIMENSIONS

HT767DF-TLC	100	150	200	250	300
TANK/VALVE A x B (inches)	57 x 9	63 x 10	61 x 12	63 x 13	75 x 14
*BRINE TANK C x D (inches)	15 x 34	20 x 37	20 x 37	20 x 37	23 x 40

*Square brine tanks are supplied with 100-models; 150 - 300 models include round brine tanks.



QUICK LINKS

Homeowner's Manual

Installation Guide

Maintenance Guide

Troubleshooting Guide

Parts Breakdown

Programming Guide

Warranty

Hydrotech® | A Division of Canature WaterGroup | PROUD MEMBERS | Water Quality Association | CWQA Canadian Water Quality Association

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