

Water Softener

Reliability, Affordability & Lasting Performance

The HT765 is perfect for homeowners looking for a reliable water softener that offers basic features and good value. Third party certified to provide soft water throughout the home, the HT765 is known for its long-lasting performance.



KEY FEATURES

Outstanding Value: Simple electronics for the same price as mechanical metered units.

Reliable Performance: 5-year control valve and 10-year pressure tank warranty.

Essential Features: Adjustable cycle times and optional regeneration modes (meter immediate, meter delayed, meter override, calendar clock modes).

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

USES UP TO
50%
LESS SALT &
28%
LESS WATER

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.

Regeneration Modes:

Standard: meter delayed
Optional: meter immediate, meter override and calendar clock.

48-Hour Programming Memory:

Automatic programming restore for up to 48 hours during power loss.



IAPMO R&T certified to NSF/ANSI 44, 372 and CSA B483.1

Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	HT765-075	HT765-100	HT765-150	HT765-200	HT765-250	HT765-300	HT765-100C
Item Number	15100600	15100618	15100636	15100654	15100657	15100660	15100662
CAPACITY (GRAINS)							
@ 12 lbs/Cubic Feet	19,875	26,500	39,750	53,000	66,250	79,500	26,500
@ 6 lbs/Cubic Feet Factory Setting	16,500	22,000	33,000	44,000	55,000	66,000	22,000
@ 3 lbs/Cubic Feet	10,500	14,000	21,000	28,000	35,000	42,000	14,000
Service Flow Rate @ 15 psi Pressure Drop	8.0 US gpm	10.0 US gpm	12.0 US gpm	13.0 US gpm	15.0 US gpm	15.0 US gpm	10.0 US gpm
Backwash Flow Rate	1.5 US gpm	2.0 US gpm	2.4 US gpm	3.5 US gpm	4.0 US gpm	5.0 US gpm	2.4 US gpm
Total Resin (Cubic Feet)	0.75 ft³	1.0 ft³	1.5 ft³	2.0 ft³	2.5 ft³	3.0 ft³	1.0 ft³
Pressure Tank Size (Inches)	8 x 44	9 x 48	10 x 54	12 x 52	13 x 54	14 x 65	10 x 35
Media Loaded	Yes	Yes	Yes	Yes	No	No	No
Salt Storage Capacity	240 lbs	240 lbs	240 lbs	350 lbs	350 lbs	420 lbs	225 lbs
Shipping Weight	87 lbs	102 lbs	134 lbs	169 lbs	198 lbs	279 lbs	110 lbs
Regeneration Type	DOWNFLOW (COCURRENT)						
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS						
Resin Type	AQUAFINE® 8% CATION EXCHANGE 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)						

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.

DIMENSIONS

HT765 Series	075	100	150	200	250	300	CABINET
TANK/VALVE A x B (inches)	52 x 8	56 x 9	62 x 10	60 x 12	63 x 13	74 x 14	13.8 x 23.6 x 43.3
BRINE TANK C x D (inches)	18.1 x 34.5	18.1 x 34.5	18.1 x 34.5	20.3 x 37.4	20.3 x 37.4	23.0 x 40.5	



-  Homeowner's Manual
-  Installation Guide
-  Maintenance Guide
-  Troubleshooting Guide
-  Parts Breakdown
-  Programming Guide
-  Warranty



PROUD
MEMBERS



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