

Water Softener & Whole Home Carbon Filter

Reduces Hardness, Bad Taste & Odor

Ideal for households on municipal water, the HT765 MBHTO combines water softening with whole home carbon filtration. Third-party certified to provide soft water while reducing bad taste and odor caused by chlorine and chloramines.



KEY FEATURES

Whole Home Chlorine Reduction: IAPMO certified for chlorine reduction. AquaFine® granular activated carbon reduces chlorine, and chlorine by-products such as chloroform and other trihalomethanes (THMs).

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 bridging. Moisture wicking neoprene tank jacket optional.

DESIGNED TO REDUCE
**HARDNESS,
 BAD TASTE &
 ODOR**
 WHILE SAVING SPACE.

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.



IAPMO R&T Certified to NSF/ANSI 372 and 42 for Chlorine Reduction



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	765-75MBHTO	765-100MBHTO	765-150MBHTO
Item Number	15102662	15102680	15102698
Capacity			
@ 10 lbs (grains)	15,900	21,200	31,800
@ 6 lbs (factory setting)	13,200	17,600	26,400
@ 3 lbs	8,400	11,200	16,800
Resin (ft3)	0.6 ft3	0.8 ft3	1.2 ft3
Carbon (ft3)	0.15 ft3	0.2 ft3	0.3 ft3
Tank Size	8 x 44	9 x 48	10 x 54
Salt Storage Capacity	240 lbs	240 lbs	240 lbs
Media Loaded	Yes	Yes	Yes
Service Flow Rate	8.0 US gpm	10.0 US gpm	12.0 US gpm
Backwash Flow Rate	1.5 US gpm	2.0 US gpm	2.4 US gpm
Shipping Weight	93 lbs	110 lbs	141 lbs
Regeneration Type	DOWNFLOW (COCURRENT)		
Plumbing Connections	INCLUDES 3/4" 90° NPT ELBOWS		
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN		
Carbon Type	AQUAFINE® Granual Activated Coconut Carbon		
Electrical Requirements	INPUT 120V 60 Hz OUTPUT 12V 650mA		
Water Temperature	MIN 40° - MAX 110° F (4° - 43° C)		
Water Pressure	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.

Contact Customer Service or Your sales representative for application guidelines.

DIMENSIONS

HT765-MBHTO	075	100	150
TANK/VALVE A x B (inches)	52 x 8	57 x 9	63 x 10
BRINE TANK C x D (inches)	15 x 35	15 x 35	15 x 35




Homeowner's
Manual


Installation
Guide


Maintenance
Guide


Troubleshooting
Guide


Parts
Breakdown


Programming
Guide


Warranty



PROUD
MEMBERS



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