

Water Softener & Whole Home Carbon Filter

1" Porting, High-Efficiency Softening Removes Bad Taste & Odor

Ideal for households on municipal water, the 89UFHTO combines high-efficiency, high-flow 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® catalytic carbon reduces chlorine, chloramines and chlorine by-products such as chloroform and other trihalomethanes (THMs).

Upflow Regeneration: Saves salt by preserving the unused portion of the softening bed from unnecessary depletion during regeneration.

Precision Brining: Calculates the exact amount of brine required to regenerate, using up to 30% less salt.

Backwash Frequency Preset: Save up to 2,000 gallons of water per year by skipping up to ten (10) backwash cycles on clean municipal water supply.

Soft Water Brine Tank Refill: Keeps tank & injectors clean.

Emergency Regen: If capacity goes below 3%, an automatic 20-minute recharge restores softening until the next regeneration.

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

97% CHLORINE REDUCTION FOR OVER 1,100,000 GALLONS*

*Based on model: HT89UFHTO-150.

VALVE FEATURES

True 1" Porting: For high-flow applications.

1" 90-Degree Elbows: Included for easy installation.

Timesaving Quick Connect Fittings: Quick connect fittings on bypass, drain line (10' included), brine line and power cord. Bypass included.

TankMate™: Unique design sends water through both tanks in a single pass.



Four Line Touch Pad LCD Display:

No-touch rotating information display. Just set the time and date.

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



CONTROL VALVE



TANKS



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	HT89UF-100HTO	HT89UF-150HTO	HT89UF-200HTO	HT89UF-250HTO	HT89UF-300HTO
Item Number	15101000-1	15101018-1	15101036-1	15101039-1	15101042-1
Salt Used Per Regeneration	6.0 lbs	9.0 lbs	12.0 lbs	15.0 lbs	18.0 lbs
Water Used Per Regeneration	86.4 gal	148.0 gal	162.4 gal	216.0 gal	224.8 gal
Hardness Removal (Grains)	25,000	37,500	50,000	67,500	75,000
Tank #1 Carbon Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³	2.0 ft ³	2.5 ft ³	3.0 ft ³
Tank #2 Resin Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³	2.0 ft ³	2.5 ft ³	3.0 ft ³
Pressure Tank Size (inches)	9 x 48	10 x 54	12 x 52	13 x 54	14 x 65
Media Loaded	Yes	Yes	Yes	No	No
Salt Storage Capacity	270 lbs	270 lbs	350 lbs	350 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 US gpm	7.4 US gpm	9.0 US gpm	9.2 US gpm	9.2 US gpm
Flow Rate @ 25 psi Pressure Drop	10.0 US gpm	10.1 US gpm	11.9 US gpm	12.1 US gpm	12.1 US gpm
Backwash Flow Rate	5.0 US gpm	5.0 US gpm	7.0 US gpm	7.0 US gpm	10.0 US gpm
Shipping Weight	168 lbs	220 lbs	280 lbs	346 lbs	411 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)				
Plumbing Connections	INCLUDES 1" 90° NPT ELBOWS				
Resin Type	AQUAFINE® 8% CATION EXCHANGE RESIN				
Carbon Type	AQUAFINE® CATALYTIC CARBON				
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)				

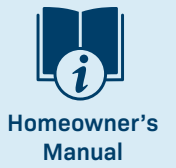
Not intended for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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.

Contact Customer Service or Your sales representative for application guidelines.

DIMENSIONS

HT89UFHTO	100	150	200	250	300
TANK/VALVE A x B (inches)	60 x 23	66 x 24	64 x 26	66 x 33	78 x 34
BRINE TANK C x D (inches)	15 x 34	15 x 34	20 x 37	20 x 37	23 x 40



PROUD MEMBERS



Toll-Free: 877-288-9888 | hydrotechwater.com | Regina, SK • Cambridge, ON • Whitestown, IN • Houston, TX • Phoenix, AZ • Guadalajara, MX