

Water Softener

1" Porting, High-Hardness, High-Performance

Designed to soften extremely hard water (>75 gpg), the HEDP's dual-tank system offers a more cost-effective solution than larger single-tank systems. The first resin tank significantly reduces water hardness and the second tank acts as a 'polisher' to prevent hard water slippage. The HEDP's highefficiency technology uses less salt while supplying consistent soft water.



KEY FEATURES

Upflow Regeneration: Saves salt by preserving the unused portion of the softening bed from unnecessary ion exchange.

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

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.

**PERFECT FOR
HIGH-HARDNESS
APPLICATIONS
(>75 GPG)**

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.



Technical Specifications



QUICK
LINKS

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	HT89UF-100HEDP	HT89UF-150HEDP	HT89UF-200HEDP	HT89UF-250HEDP	HT89UF-300HEDP
Item Number	15101900-1	15101918-1	15101923-1	15101926-1	15101929-1
Salt Used Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	30.0 lbs	36.0 lbs
Water Used Per Regeneration	100.0 gal	175.0 gal	224.0 gal	226.0 gal	228 gal
Hardness Removal (Grains)	30,000	45,000	60,000	75,000	90,000
Tank #1 Resin 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	420 lbs	420 lbs	420 lbs	420 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	9.3 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	2.5 US gpm	2.5 US gpm	3.5 US gpm	5.0 US gpm	5.0 US gpm
Shipping Weight	207 lbs	271 lbs	340 lbs	415 lbs	500 lbs
Regeneration Type	UPFLOW (COUNTER CURRENT)				
Plumbing Connections	INCLUDES 1" 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.

Contact Customer Service or Your sales representative for application guidelines.

DIMENSIONS

HT89UFHEDP	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)	23 x 40	23 x 40	23 x 40	23 x 40	23 x 40



Homeowner's
Manual



Installation
Guide



Maintenance
Guide



Troubleshooting
Guide



Parts
Breakdown



Programming
Guide



Warranty



PROUD
MEMBERS



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