

Water Softener

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 high-efficiency technology uses less salt while supplying consistent soft water.



KEY FEATURES

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

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

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

Reliable Performance: 7-year control valve and lifetime pressure tank warranty.

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

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

VALVE FEATURES

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.

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



Simple Electronics:
Just set date and time of day.

Optional Regeneration Modes:

Standard: meter delayed.

Optional: meter immediate, meter delayed and calendar clock.

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



Technical Specifications

PROFESSIONALLY ENGINEERED FOR PERFORMANCE

MODEL NUMBER	HT565-100HEDP	HT565-150HEDP
Item Number	15101960-1	15101978-1
Salt Used Per Regeneration	12.0 lbs	18.0 lbs
Water Used Per Regeneration	100.0 gal	175.0 gal
Hardness Removal (Grains)	30,000	45,000
Tank #1 Resin Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³
Tank #2 Resin Quantity (Cubic Feet)	1.0 ft ³	1.50 ft ³
Pressure Tank Size (Inches)	9 x 48	10 x 54
Media Loaded	Yes	Yes
Salt Storage Capacity	420 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 US gpm	7.4 US gpm
Flow Rate @ 25 psi Pressure Drop	10.0 US gpm	10.1 US gpm
Backwash Flow Rate	2.5 US gpm	2.5 US gpm
Shipping Weight	207 lbs	271 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.

Contact Customer Service or Your sales representative for application guidelines.

DIMENSIONS

HT89UFHEDP	100	150
TANK/VALVE A x B (inches)	60 X 23	66 X 24
BRINE TANK C x D (inches)	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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