

185 HEDP



On very hard water supplies (> 75 gpg), a common problem with single tank water softeners is the occurrence of hardness leakage or 'slippage' as the extreme hardness will find a channel through the resin bed.

The WaterGroup High-Efficiency Dual Pass (HEDP) Water Softener uses a two tank system to prevent this problem. The first tank acts as the workhorse by significantly reducing the water hardness. The second tank acts as a 'polisher' and prevents slippage as the overpowering high hardness condition has been significantly reduced. This also increases the contact time with the softening resin meaning more consistent, softer water.

Salt efficiency is even more important on high hardness situations. The Novo HEDP offers salt-efficient reverse flow regeneration with precision brining for ultimate salt savings.

Features:

- ➔ Two tank system provides softer, more consistent water quality and prevents hardness slippage which can occur in single tank systems
- ➔ Perfect for high hardness (typically > 75 gpg) residential and light commercial applications such as boiler feed systems
- ➔ More cost effective than larger single tank systems
- ➔ Reverse Flow Regeneration preserves unused portion of softening bed from unnecessary exchange saving salt

Specifications	WG185HEDP50	WG185HEDP75	WG185HEDP100	WG185HEDP125
	2192	2193	2194	2195
Factory Settings				
Salt Used - Per Regeneration	12.0 lbs	18.0 lbs	24.0 lbs	30.0 lbs
Water Used - Regeneration	86.4 gal	148 gal	162.4 gal	224.8 gal
Hardness Removal - Grains	50,000	75,000	100,000	125,000
Tank #1 Resin Quantity - Cubic Feet	1.0 ft	1.50 ft	2.0 ft	2.5 ft
Tank #2 Resin Quantity - Cubic Feet	1.0 ft	1.50 ft	2.0 ft	2.5 ft
Tank Size	9x48	10x54	12x52	13x54
Tank Jacket / Media Loaded	Yes	Yes	No	No
Brine Tank / Cabinet Size (Inches)	20.3 x 37.4	23.0 x 40.5	23.0 x 40.5	23.0 x 40.5
Salt Storage Capacity	350 lbs	420 lbs	420 lbs	420 lbs
Flow Rate @ 15 psi Pressure Drop	7.2 gpm	7.4 gpm	9.0 gpm	9.2 gpm
Flow Rate @ 25 psi Pressure Drop	10.0 gpm	10.1 gpm	11.9 gpm	12.1 gpm
Back Wash Flow Rate	2.0 gpm	2.4 gpm	3.5 gpm	4.0 gpm
Shipping Weight	184 lbs	201 lbs	244 lbs	262 lbs
Regeneration Type	Counter Current / Up Flow			
Plumbing Connections	Includes 3/4" 90°Elbows & 1" Straight NPT			
Resin Type	Canature 8% High Capacity Ion Exchange Resin			
Electrical Requirements	Input 120V 60 Hz - Output 12V 650mA			
Water Temperature	Min 39 - Max. 100 degrees Fahrenheit			
Water Pressure	Min. 20 - Max. 125 psi			