



PERFORMANCE DATA SHEET



AquaKinetic water softeners are powered by the energy of moving water, not electricity. The AquaKinetic water softener has a built-in water meter which means it operates “on demand” based on your actual water usage. Demand operation ensures maximum efficiency while providing you with a continuous supply of soft water — even as your water usage changes.

The actual regeneration process of an AquaKinetic water softener is different from other systems. AquaKinetic water softeners use a process called countercurrent regeneration. The AquaKinetic is able to effectively use this process since our water systems regenerate with soft water. The twin tank design of an AquaKinetic water softener provides you with a continuous supply of soft water any time of day, even through the regeneration process.

SPECIFICATIONS

Service Flow Rate:	8.0 gpm @ 15 psi 12.0 gpm @ 30 psi		
System Components:			
Non Solvent Cation Resin Media per Tank:	0.30 ft ³		
Under-bedding	None		
Regeneration Control	Non-electric Use Meter		
Regeneration Type	Countercurrent		
Inlet Water Quality:			
Min./Max. Operating Pressure	15 - 125 psi (103.4-861.9 kPa)		
Min./Max. Operating Temperature	35° - 120°F (2°-49°C)		
pH Range	5 - 10 SU		
Free Chlorine Cl₂ (Max.)	2.0 mg/L		
Hardness as CaCo₃ (Max.)	37 gpg		
Regeneration Specifications:			
Regeneration Volume	19 gallons		
Regeneration Time	29 minutes		
Backwash Flow Control	2.0 gpm		
Brine Refill Flow Control	0.40 gpm		
Class:	Demand Initiated Regeneration		
Cycle Initiation:	Meter		
Electrical:	None		
Capacities:	grains	lbs.	gpp
Minimum	4015	1	4015
Maximum	4366	1.25	3493



The Kinetico valve is
 WQA certified to
 NSF/ANSI 61.