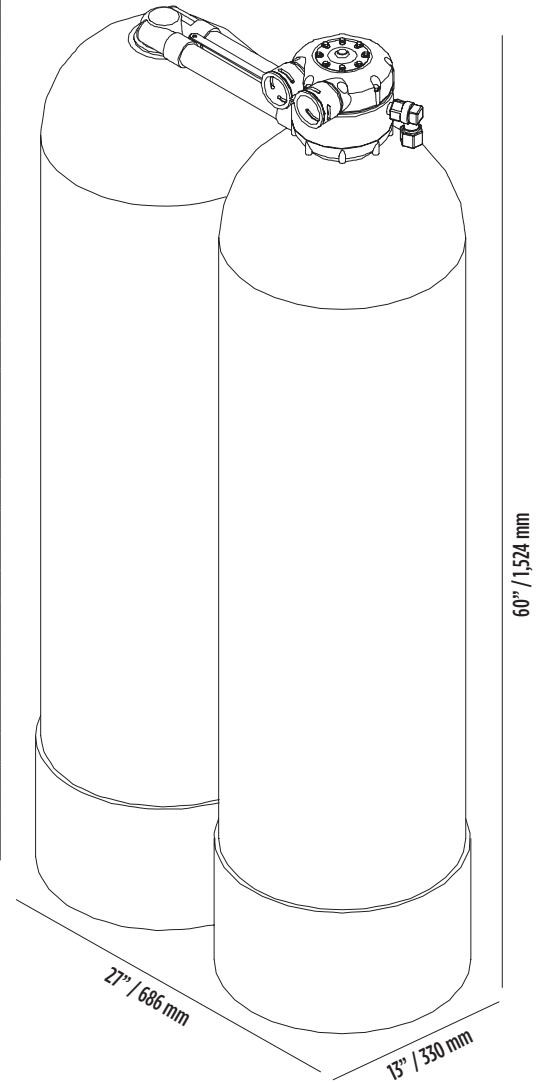
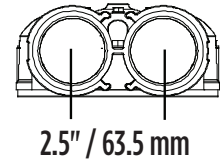


Kinetico Premier Series Model 2175s

Design Specifications		
Flow Range (15/30 psig / 1-2 Δ bar)	16 - 22 gpm	61 - 83 Lpm
Flow Configuration	Alternating	
Pressure Range	25 - 125 psi Dynamic Pressure	2.0 - 8.6 bar Dynamic Pressure
Temperature Range	35 - 120° F	2 - 50° C
pH Range	5 -10 SU	
Free Chlorine Cl ₂ (Max.)	2.0 mg/L	
Hardness as CaCO ₃ (Max.)	175 gpg	2,993 mg/L
System Components		
Media Vessel (Qty. 2)	13" x 54"	330 mm x 1,372 mm
Media Vessel Construction	Wrapped Polyethylene	
Empty Bed Volume	3.68 cubic feet	104 liters
Media Type	Standard Mesh Cation Resin	
Media Volume	2.25 cubic feet	64 liters
Total Bed Depth	37"	940 mm
Free Board	17"	432 mm
Riser Tube	1" ABS	25 mm ABS
Upper Distributor	0.014" Slots, ABS Basket	0.36 mm Slots, ABS Basket
Lower Distributor	0.014" Slots, ABS Basket	0.36 mm Slots, ABS Basket
Under Bedding	0.25 cubic feet 1/4 x 1/8 Gravel	
Regeneration Control	Non-electric Use Meter	
Service Flow	Downflow	
Regeneration Type	Countercurrent	
Metering Flow Range	0.30 - 25.0 gpm	1.1 - 94.6 Lpm
Connections		
Inlet / Outlet Connection	Custom E-clip Adapter	
Drain Connection	0.625" Tube	
Brine Line Connection	0.375" Tube	
Power	None	
System Part Numbers		
Premier 2175s, 24" x 40" Brine Drum	11036	
Premier 2175s, No Brine Drum	11054	
Dimensions and Weight		
Height	60"	1,524 mm
Width	27"	686 mm
Depth	13"	330 mm
Shipping Weight	300 lb	136 kg
Operating Weight	450 lb	204 kg
Regeneration Specifications		
Regeneration Volume	142 gallons	538 liters
Regeneration Time	90 minutes	
Backwash Flow Control	5.00 gpm	18.9 Lpm
Brine Refill Flow Control	0.70 gpm	2.7 Lpm



Brine Tank Options

Tank Description	24" x 40"	
Brine Tank Part Number	10586	
Tank Height	40"	102 cm
Tank Footprint	24" DIA	61 cm DIA
Material	HDPE	
Salt Capacity	500 lb	227 kg

Setting		Capacity		Efficiency		Dosing		Disc Selection (Compensated Hardness*)							
								Meter Disc							
								1	2	3	4	5	6	7	8
12.5 lb†	5.7 kg†	50,371 grains	3,264 grams	4,030 grains/lb	576 grams/kg	5.6 lb/ft³	0.09 kg/L	22 (371)	40 (689)	55 (941)	67 (1,147)	81 (1,385)	89 (1,530)	95 (1,625)	99 (1,692)
15 lb	6.8 kg	65,139 grains	4,216 grams	4,342 grains/lb	620 grams/kg	6.7 lb/ft³	0.11 kg/L	27 (462)	50 (855)	70 (1,197)	88 (1,505)	103 (1,761)	117 (2,001)	129 (2,206)	140 (2,394)
30 lb	13.6 kg	81,845 grains	5,297 grams	2,728 grains/lb	389 grams/kg	13.3 lb/ft³	0.21 kg/L	34 (581)	62 (1,060)	87 (1,488)	110 (1,881)	129 (2,206)	146 (2,497)	162 (2,770)	175 (2,993)
Gallons (Liters) / Regeneration:								1,715 (6,492)	858 (3,246)	572 (2,164)	429 (1,623)	343 (1,298)	286 (1,082)	245 (927)	214 (811)

†Settings certified by WQA

*Compensated hardness in grains/gal = Hardness + (3 x Fe in mg/L)

*Compensated hardness in mg/L = Hardness + (51 x Fe in mg/L)