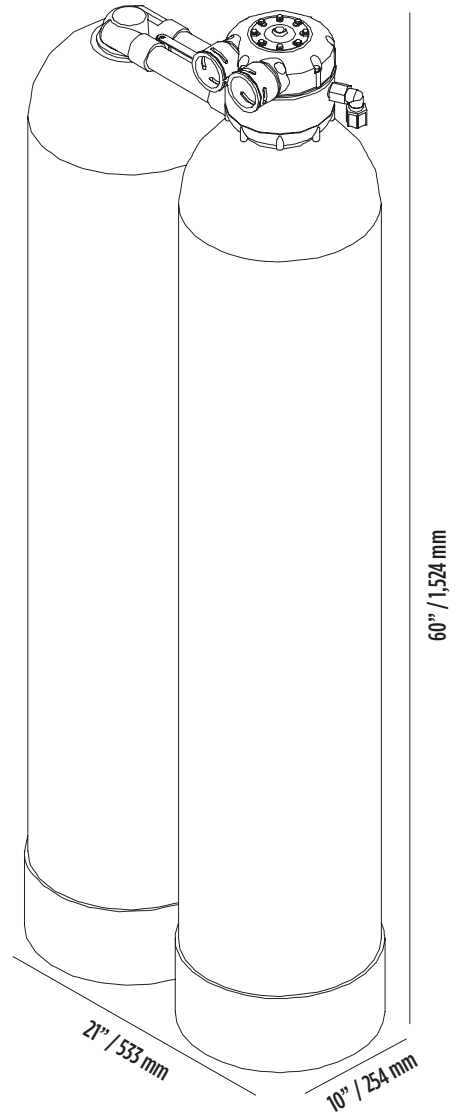
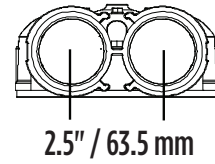


Kinetico Premier Series Model 2100s

Design Specifications		
Flow Range (15/30 psig / 1-2 Δ bar)	12 - 19 gpm	45 - 82 Lpm
Flow Configuration	Alternating	
Pressure Range	15 - 125 psi Dynamic Pressure	1.0 - 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.)	107 gpg	1,830 mg/L
System Components		
Media Vessel (Qty. 2)	10" x 54"	254 mm x 1,372 mm
Media Vessel Construction	Wrapped Polyethylene	
Empty Bed Volume	2.19 cubic feet	62 liters
Media Type	Standard Mesh Cation Resin	
Media Volume	1.5 cubic feet	42 liters
Total Bed Depth	39"	991 mm
Free Board	15"	381 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	None	
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	0.5" Tube	
Brine Line Connection	0.375" Tube	
Power	None	
System Part Numbers		
Premier 2100s, 18" x 35" Brine Drum	11031	
Premier 2100s, No Brine Drum	11050	
Dimensions and Weight		
Height	60"	1,524 mm
Width	21"	533 mm
Depth	10"	254 mm
Shipping Weight	175 lb	79 kg
Operating Weight	350 lb	159 kg
Regeneration Specifications		
Regeneration Volume	102 gallons	386 liters
Regeneration Time	90 minutes	
Backwash Flow Control	3.00 gpm	11.3 Lpm
Brine Refill Flow Control	0.70 gpm	2.7 Lpm



Brine Tank Options

Tank Description	18" x 35"	
Brine Tank Part Number	7938A	
Tank Height	35"	89 cm
Tank Footprint	18" DIA	46 cm DIA
Material	HDPE	
Salt Capacity	250 lb	114 kg

Setting		Capacity		Efficiency		Dosing		Disc Selection (Compensated Hardness*)							
								Meter Disc							
								1	2	3	4	5	6	7	8
5.5 lb†	2.5 kg†	25,773 grains	1,670 grams	4,698 grains/lb	671 grams/kg	3.7 lb/ft³	0.06 kg/L	11 (188)	21 (359)	30 (513)	38 (650)	--	--	--	--
7.5 lb	3.4 kg	30,843 grains	1,996 grams	4,112 grains/lb	587 grams/kg	5.0 lb/ft³	0.08 kg/L	14 (239)	26 (445)	38 (650)	48 (821)	--	--	--	--
10 lb†	4.5 kg†	35,197 grains	2,281 grams	3,500 grains/lb	500 grams/kg	6.7 lb/ft³	0.11 kg/L	17 (291)	31 (530)	46 (787)	58 (992)	67 (1,146)	76 (1,300)	85 (1,454)	94 (1,607)
15 lb	6.8 kg	42,611 grains	2,758 grams	2,840 grains/lb	405 grams/kg	10.0 lb/ft³	0.16 kg/L	19 (325)	37 (633)	52 (889)	66 (1,129)	76 (1,300)	88 (1,505)	98 (1,676)	107 (1,830)
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)