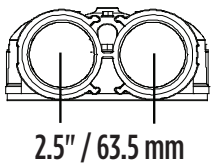
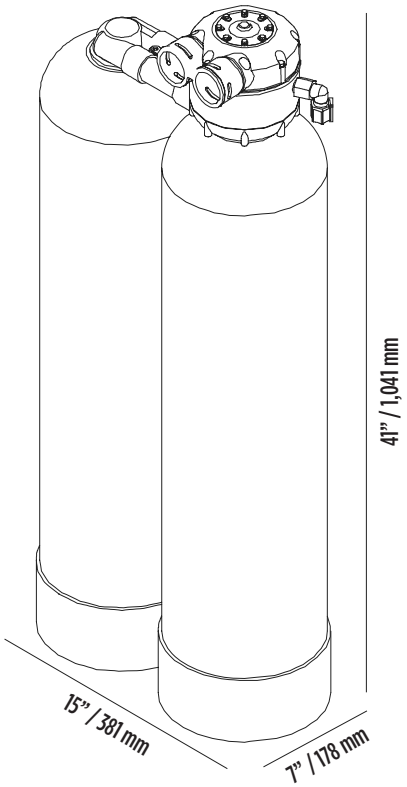
Kinetico Premier Series Model 2030s

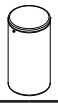
Design Specifications		
Flow Range (15/30 psig / 1-2 Δ bar)	9 - 15 gpm	34 - 57 Lpm
Flow Configuration	Alternating	
Pressure Range	15 - 125 psi Dynamic Pressure	1.0 - 8.6 bar Dynamic Pressure
Temperature Range	35 - 120˚ F	2 - 50˚ C
pH Range	5 -10 SU	
Free Chlorine Cl_2 (Max.)	2.0 mg/L	
Hardness as $CaCO_3$ (Max.)	45 gpg	770 mg/L
System Components		
Media Vessel (Qty. 2)	7" x 35"	178 mm x 889 mm
Media Vessel Construction	Wrapped Polyethylene	
Empty Bed Volume	0.70 cubic feet	19.8 liters
Media Type	Standard Mesh Cation Resin	
Media Volume	0.47 cubic feet	13.3 liters
Total Bed Depth	23"	584 mm
Free Board	12"	305 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 2030s, 18" x 35" Brine Drum	11020A	
Premier 2030s, No Brine Drum	11021A	
Dimensions and Weight		
Height	41"	1,041 mm
Width	15"	381 mm
Depth	7"	178 mm
Shipping Weight	105 lb	47.6 kg
Operating Weight	140 lb	64 kg
Regeneration Specifications		
Regeneration Volume	29 gallons	110 liters
Regeneration Time	40 minutes	
Backwash Flow Control	1.40 gpm	5.3 Lpm
Brine Refill Flow Control	0.40 gpm	1.5 Lpm





Brine Tank Options





Tank Description	12" x 16" x 20"		12" x 40"		18" x 35"	
Brine Tank Part Number	7202		1479B		7938A	
Tank Height	20"	51 cm	40"	102 cm	35"	89 cm
Tank Footprint	12" x 16"	30 x 41 cm	12" DIA	30 cm DIA	18" DIA	46 cm DIA
Material	HDPE		HDPE		HDPE	
Salt Capacity	50 lb	23 kg	100 lb	45 kg	250 lb	114 kg

Setting		Capacity		Efficiency		Dosing		**Disc Selection** *(Compensated Hardness*)* **Meter Disc** 1	2	3	4	5	6	7	8
1.5 lb‡	0.7 kg‡	6,728 grains	436 grams	4,485 grains/lb	641 grams/kg	3.2 lb/ft³	0.05 kg/L	3 (63)	9 (147)	12 (206)	16 (279)	20 (342)	23 (402)	27 (459)	29 (502)
1.8 lb	0.8 kg	7,867 grains	509 grams	4,371 grains/lb	624 grams/kg	3.8 lb/ft³	0.06 kg/L	4 (68)	10 (171)	14 (239)	19 (325)	23 (393)	27 (462)	31 (530)	34 (581)
2.4 lb	1.1 kg	8,900 grains	576 grams	3,708 grains/lb	529 grams/kg	5.1 lb/ft³	0.08 kg/L	5 (86)	11 (188)	16 (274)	22 (376)	26 (445)	31 (530)	35 (599)	39 (667)
2.7 lb	1.2 kg	9,802 grains	635 grams	3,630 grains/lb	518 grams/kg	5.7 lb/ft³	0.09 kg/L	6 (103)	12 (205)	18 (308)	23 (393)	28 (479)	33 (564)	38 (650)	43 (735)
3.0 lb‡	1.4 kg‡	9,783 grains	634 grams	3,261 grains/lb	466 grams/kg	6.4 lb/ft³	0.10 kg/L	7 (120)	13 (222)	19 (325)	25 (428)	30 (513)	36 (616)	41 (701)	45 (770)
							Gallons (Liters)/ Regeneration:	**1,253 (4,743)**	**627 (2,372)**	**418 (1,581)**	**313 (1,186)**	**251 (949)**	**209 (791)**	**179 (678)**	**157 (593)**

‡*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)*