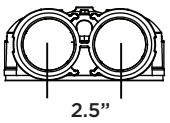
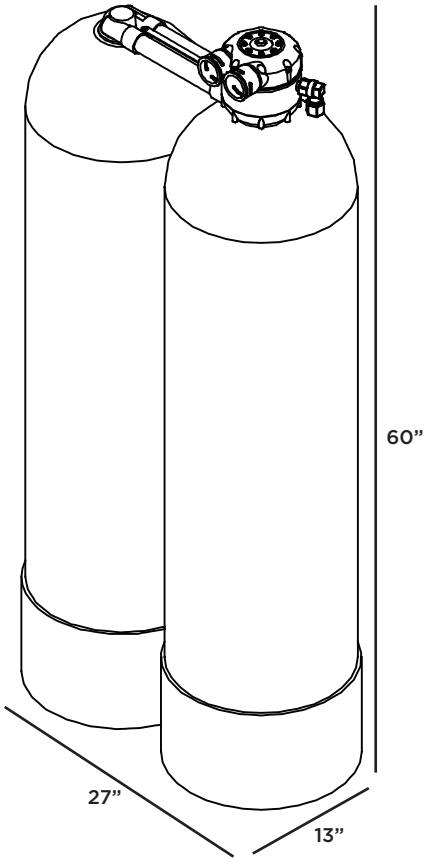
KineticoPRO®
Total Water Care

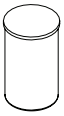
CP 213s OD Data Sheet





System Components	
Media Vessel (qty) Size	(2) 13” x 54”
Media Vessel Construction	Wrapped Polyethylene
Empty Bed Volume	3.68 ft³
Media	2.50 ft³ Non Solvent Cation Resin
Bed Depth / Free Board	40” / 14“
Riser Tube	1” ABS
Distributor	
Upper	0.014” Slots, ABS Basket
Lower	0.014” Slots, ABS Basket
Under Bedding	0.24 ft³ (24 lb), ¼ x ⅛ Gravel
Regeneration Control	Non-electric Use Meter
Regeneration Type	Countercurrent
Meter Type	0.75 - 40.00 gpm Polypropylene Turbine (Kinetico Full Louver Flow Nozzle)
Inlet Water Quality	
Pressure Range	25 – 125 psi Dynamic Pressure
Temperature Range*	35 – 120° F
pH Range	5 – 10 SU
Free Chlorine Cl_2 (MAX)	0.0 mg/L
Hardness as $CaCO_3$ (MAX)	51 grains/gal
Operating Specifications	
Flow Rate - Overdrive (15 psid)	28.0 gpm
Flow Rate - Overdrive (30 psid)	40.0 gpm
Flow Rate - Alternating (15 psid)	21.0 gpm
Flow Rate - Alternating (25 psid)	28.0 gpm
Dimensions (width x depth x height)	27” x 13” x 60”
Weight (Operating / Shipping)	450 / 300 lb
Connections	
Inlet / Outlet Connections	Custom Adapter and E-Clip (1 ½” Brass Sweat Fittings Included)
Drain Connection	0.625” Tube
Brine Line Connection	0.375” Tube
Power	None
System Part Numbers	
CP 213s OD, 24x40 brine tank	11750
CP 213s OD, 24x40 brine tank, media seperate	11180A
CP 213s OD, empty, no brine tank	11184
CP 213s OD, no brine tank, media filled	11190
Regeneration Specifications	
Regeneration Volume / Time	142 gal / 90 min
Backwash Flow Control	5.00 gpm
Brine Refill Flow Control	0.70 gpm

*WRAS APPROVAL — COLD WATER USE ONLY



Brine Tank Options

Tank Description	24x40
Brine Tank Part Number	10586A
Material	HDPE
Salt Capacity	500 lb

Overdrive Operation

					Disc Selection (Compensated Hardness*)							
Setting	**Capacity**	**Efficiency**	**Dosing**	**Meter Disc**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
15 lb	60,000 grains	4,000 grains/lb	6.0 lb/ft³		5	10	14	17	21	25	30	35
25 lb	70,000 grains	2,800 grains/lb	10.0 lb/ft³		6	12	16	20	24	30	35	40
			Peak flow during regeneration		28.0	28.0	28.0	20.7	15.7	12.4	10.0	8.3

Alternating Operation

					Disc Selection (Compensated Hardness*)							
Setting	**Capacity**	**Efficiency**	**Dosing**	**Meter Disc**	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**
15 lb	60,000 grains	4,000 grains/lb	6.0 lb/ft³		6	12	18	24	30	35	40	45
25 lb	70,000 grains	2,800 grains/lb	10.0 lb/ft³		7	14	21	28	34	40	45	51
			Flow during regeneration (@15 psig):		20	20	20	20	15.7	12.4	10.0	8.3
			Gallons / Regeneration:		8,922	4,461	2,974	2,231	1,784	1,487	1,275	1,115

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