

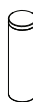
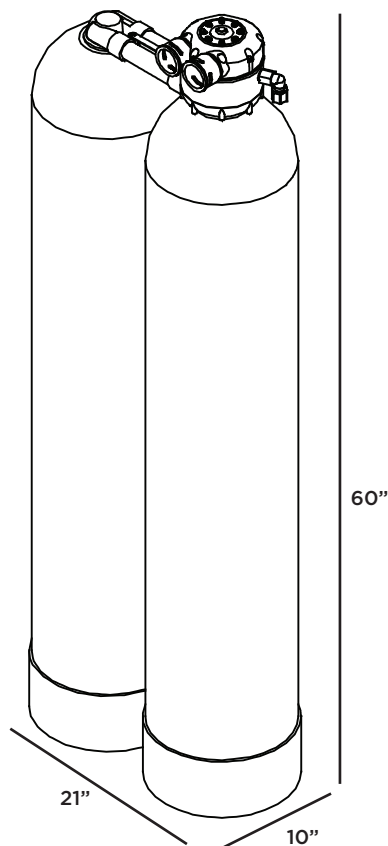
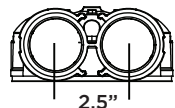


KineticoPRO[®]

Total Water Care

CP 210s OD Data Sheet

System Components	
Media Vessel (qty) Size	(2) 10" x 54"
Media Vessel Construction	Wrapped Polyethylene
Empty Bed Volume	2.19 ft ³
Media	1.50 ft ³ Non Solvent Cation Resin
Bed Depth / Free Board	43" / 11"
Riser Tube	1" ABS
Distributor	
Upper	0.014" Slots, ABS Basket
Lower	0.014" Slots, ABS Basket
Under Bedding	0.15 ft ³ ¼ x ½ 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)	80 grains/gal
Operating Specifications	
Flow Rate - Overdrive (15 psid)	21.0 gpm
Flow Rate - Overdrive (30 psid)	31.0 gpm
Flow Rate - Alternating (15 psid)	12.0 gpm
Flow Rate - Alternating (30 psid)	19.0 gpm
Dimensions (width x depth x height)	21" x 10" x 60"
Weight (Operating / Shipping)	350 / 175 lb
Connections	
Inlet / Outlet Connections	Custom Adapter and E-Clip (1 ½" Brass Sweat Fittings Included)
Drain Connection	0.5" Tube
Brine Line Connection	0.375" Tube
Power	None
System Part Numbers	
CP 210s OD, 18x35 brine tank	11704
CP 210s OD, no brine tank	11703
CP 210s OD, empty, no brine tank	11705
Regeneration Specifications	
Regeneration Volume / Time	102 gal / 90 min
Backwash Flow Control	3.00 gpm
Brine Refill Flow Control	0.70 gpm



Brine Tank Options

Tank Description	12x40	18x35
Brine Tank Part Number	1479B	7938A
Tank Height	40"	35"
Tank Footprint	12" DIA	18" DIA
Material	HDPE	HDPE
Salt Capacity	100 lb	250 lb

Overdrive Operation

					Disc Selection (Compensated Hardness*)							
Setting	Capacity	Efficiency	Dosing	Meter Disc	1	2	3	4	5	6	7	8
10 lb	37,270 grains	3,727 grains/lb	6.6 lb/ft ³		7	13	17	23	29	33	38	43
15 lb	51,630 grains	3,442 grains/lb	10.0 lb/ft ³		9	15	23	30	38	44	53	60
Peak flow during regeneration					21.0	19.6	12.5	8.9	6.8	5.3	4.3	3.6

Alternating Operation

					Disc Selection (Compensated Hardness*)							
Setting	Capacity	Efficiency	Dosing	Meter Disc	1	2	3	4	5	6	7	8
10 lb	41,087 grains	4,108 grains/lb	6.6 lb/ft ³		8	16	22	29	35	40	45	50
15 lb	42,611 grains	2,840 grains/lb	10.0 lb/ft ³		10	20	30	40	50	60	70	80
Flow during regeneration (@15 psig):					12.0	12.0	12.0	8.9	6.8	5.3	4.3	3.6
Gallons / Regeneration:					3,829	1,915	1,276	957	766	638	547	479

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



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