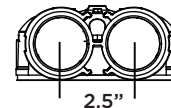




KineticoPRO[®]

Total Water Care

CP 208s OD Data Sheet



System Components	
Media Vessel (qty) Size	(2) 8" x 40"
Media Vessel Construction	Wrapped Polyethylene
Empty Bed Volume	1.04 ft ³
Media	0.70 ft ³ Non Solvent Cation Resin
Bed Depth / Free Board	25" / 15"
Riser Tube	1" ABS
Distributor	
Upper	0.014" Slots, ABS Basket
Lower	0.014" Slots, ABS Basket
Under Bedding	None
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)	29 grains/gal
Operating Specifications	
Flow Rate - Overdrive (15 psid)	20.5 gpm
Flow Rate - Overdrive (30 psid)	30.0 gpm
Flow Rate - Alternating (15 psid)	11.5 gpm
Flow Rate - Alternating (30 psid)	18.0 gpm
Dimensions (width x depth x height)	17" x 8" x 46"
Weight (Operating / Shipping)	200 / 140 lb
Connections	
Inlet / Outlet Connections	Custom Adapter and E-Clip (1 1/2" Brass Sweat Fittings Included)
Drain Connection	0.5" Tube
Brine Line Connection	0.375" Tube
Power	None
System Part Numbers	
CP 208s OD, 18x35 brine tank	11701
CP 208s OD, no brine tank	11700
CP 208s OD, empty, no brine tank	11702
Regeneration Specifications	
Regeneration Volume / Time	35 gal / 45 min
Backwash Flow Control	2.00 gpm
Brine Refill Flow Control	0.40 gpm

*WRAS APPROVAL - COLD WATER USE ONLY

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
4.0 lb	14,668 grains	3,667 grains/lb	5.7 lb/ft ³		3	6	9	12	14	17	20	23
4.4 lb	15,501 grains	3,523 grains/lb	6.3 lb/ft ³		4	7	9	12	15	18	21	24
Peak flow during regeneration					20.5	20.5	20.5	14.8	11.3	8.9	7.2	5.9

Alternating Operation

					Disc Selection (Compensated Hardness*)							
Setting	Capacity	Efficiency	Dosing	Meter Disc	1	2	3	4	5	6	7	8
2.7 lb	12,481 grains	4,622 grains/lb	3.8 lb/ft ³		3	6	9	12	14	15	20	23
4.0 lb	15,813 grains	3,953 grains/lb	5.7 lb/ft ³		4	8	11	15	19	22	25	29
Flow during regeneration (@15 psig):					11.5	11.5	11.5	11.5	11.3	8.9	7.2	5.9
Gallons / Regeneration:					3,171	1,586	1,057	793	634	529	453	396

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

