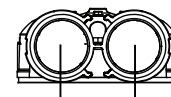
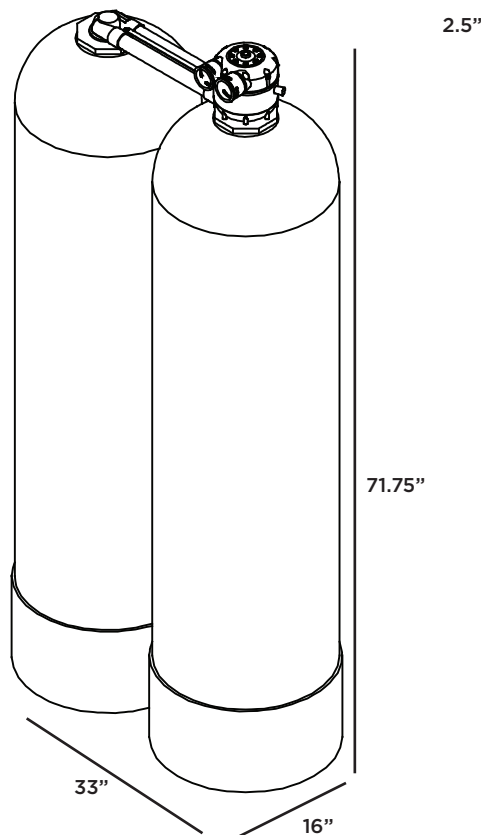


CP 216s OD Data Sheet



System Components	
Media Vessel (qty) Size	(2) 16" x 65"
Media Vessel Construction	Wrapped Polyethylene
Empty Bed Volume	6.55 ft ³
Media	4.0 ft ³ Non Solvent Cation Resin
Bed Depth / Free Board	47" / 18"
Riser Tube	1" ABS
Distributor	
Upper	0.012" Slots, Noryl Basket
Lower	0.014" Slots, ABS Basket
Under Bedding	0.75 ft ³ (75 lb), ¼ x ⅛ Gravel
Regeneration Control	Non-electric Use Meter
Regeneration Type	Countercurrent
Meter Type	1.10 - 50.00 gpm Polypropylene Turbine (Kineticopro Open 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)	49 grains/gal
Operating Specifications	
Flow Rate - Overdrive (15 psid)	35.0 gpm
Flow Rate - Overdrive (30 psid)	47.0 gpm
Flow Rate - Alternating (15 psid)	24.0 gpm
Flow Rate - Alternating (25 psid)	31.0 gpm
Dimensions (width x depth x height)	33" x 16" x 71.75"
Weight (Operating / Shipping)	650 / 450 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 216s OD, 24x40 brine tank	11182
CP 216s OD, no brine tank, media separate	11168A
CP 216s OD, empty, no brine tank	11186
Regeneration Specifications	
Regeneration Volume / Time	160 gal / 90 min
Backwash Flow Control	7.00 gpm
Brine Refill Flow Control	0.70 gpm



Brine Tank Options

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

Overdrive Operation

Setting	Capacity	Efficiency	Dosing	Meter Disc	Disc Selection (Compensated Hardness*)							
					1	2	3	4	5	6	7	8
24 lb	88,000 grains	3,700 grains/lb	6.0 lb/ft ³		5	9	13	16	19	22	25	30
40 lb	112,000 grains	2,800 grains/lb	10.0 lb/ft ³		6	12	16	21	25	30	35	40
Peak flow during regeneration					35	35	35	35	26.7	21.7	17.1	14.1

Alternating Operation

Setting	Capacity	Efficiency	Dosing	Meter Disc	Disc Selection (Compensated Hardness*)							
					1	2	3	4	5	6	7	8
24 lb	88,000 grains	3,700 grains/lb	6.0 lb/ft ³		5	10	15	20	25	30	35	40
40 lb	112,000 grains	2,800 grains/lb	10.0 lb/ft ³		7	13	20	26	32	38	43	49
Flow during regeneration (@15 psig):					23	23	23	23	23	21.7	17.1	14.1
Gallons / Regeneration:					15,192	7,596	5,064	3,798	3,038	2,532	2,170	1,899

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