

CP 216s OD

System Components

Media Vessel (qty) Size	(2) 406 x 1,651 mm
Media Vessel Construction	Wrapped Polyethylene
Empty Bed Volume	185 liters
Media	113 liters Non Solvent Cation Resin
Bed Depth / Free Board	1,270 / 381 mm
Riser Tube	25 mm ABS
Distributor Upper	0.36 mm Slots, ABS Basket
Lower	0.36 mm Slots, ABS Basket
Under bedding	7 liters (11 kg), ¼ x ½ Gravel
Regeneration Control	Non-electric Use Meter
Regeneration Type	Countercurrent
Meter Type	4.2 – 189 lpm Polypropylene Turbine (Kinetico Open Louver Flow Nozzle)

Inlet Water Quality

Pressure Range	2.0 – 8.6 bar Dynamic Pressure
Temperature Range	2 – 50° C
pH Range	5 – 10 SU
Free Chlorine Cl ₂ (Max.)	2.0 mg/l
Hardness as CaCO ₃ (Max.)	838 mg/l

Operating Specs

Flow Range – Overdrive (1-2 Δ bar)	125 – 178 lpm
Flow Range – Alternating (1-2 Δ bar)	87 – 125 lpm
Dimensions (width x depth x height)	838 x 406 x 1,803 mm
Weight (Operating / Shipping)	495 / 204 kg

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, 24 X 40 brine tank, media separate	11182
CP 216s OD, no brine tank, media separate	11168
CP 216s OD, empty, no brine tank	11186

Brine Tank Options

Tank Description	610 x 1,016 mm
Brine Tank Part Number	10586
Material	HDPE
Salt Capacity	228 kg

Regeneration Specifications

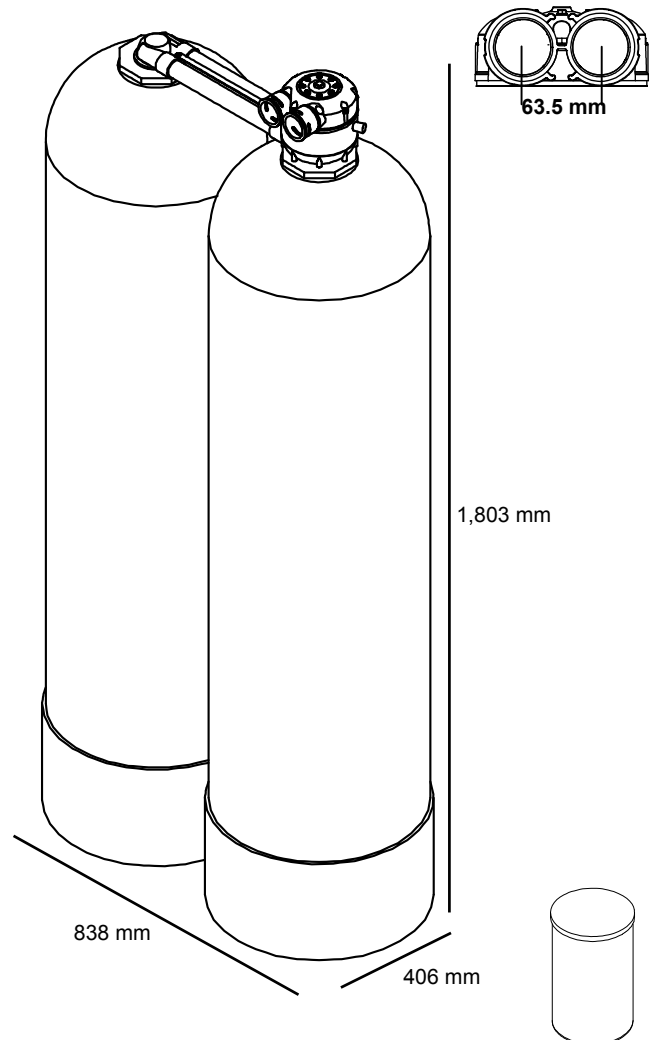
Regeneration Volume / Time	606 liters / 90 minutes
Backwash Flow Control	26.5 gpm
Brine Refill Flow Control	0.27 gpm

Overdrive Operation

Setting	Capacity	Efficiency	Dosing	Meter Disc
10.9 kg	5,696 grams	528 grams/kg	0.10 kg/l	
18.1 kg	7,249 grams	400 grams/kg	0.16 kg/l	
Peak flow (lpm) during regeneration:				

Alternating Operation

Setting	Capacity	Efficiency	Dosing	Meter Disc
10.9 kg	5,696 grams	528 grams/kg	0.10 kg/l	
18.1 kg	7,249 grams	400 grams/kg	0.16 kg/l	
Flow (lpm) during regeneration (@1 Δ bar):				
M³/Regeneration:				



Disc Selection

(Compensated Hardness*)

1	2	3	4	5	6	7	8
86	154	222	274	325	376	428	513
103	205	274	359	428	513	599	684
132	132	132	132	101	80	65	53
1	2	3	4	5	6	7	8
86	171	257	342	428	513	599	684
120	222	342	445	547	650	735	838
87	87	87	87	87	80	65	53
57.5	28.8	19.2	14.4	11.5	9.6	8.2	7.2

*Compensated hardness in mg/l = Hardness + (51 x Fe in mg/l)