



CC 208c Water Softener

A Simple Approach To Water Treatment

Kinetico compact commercial systems are ideal for commercial applications with space restrictions. The systems offer high flow rates, a dual tank design and feature the Kinetico non-electric control valve with counter current regeneration, all in a compact floor space. Plus, the softeners are easy to install and operate.

Kinetico Feature

Cabinet design houses softener and acts as a brine tank

Demand Regeneration

Non-Electric Softener

Twin Tank Design

Smart Disk

Modular Design

Improved Water Quality

Customer Value

Sleek, clean design suits any laboratory environment.

Unique design reduces operational costs. Save money on salt and water.

Completely automatic and simple to operate. No confusing timers to set. No electrical problems.

Uninterrupted supply of soft water. Soft water is always available.

Customize softener to inlet water quality hardness.

Systems are easily expanded if water demand increases.

Improved water quality reduces maintenance as well as costs.

System Components

Media Vessel (qty) Size	(2) 8 x 17"
Media Vessel Construction	Fiberglass Wrapped Engineered Plastic
Empty Bed Volume	0.40 ft ³
Media Type	Uniform Bead Cation Resin
Media Volume	0.40 ft ³
Bed Depth	Packed
Free Board	None
Riser Tube	1" CPVC
Distributor	Upper 0.012" Slots, Engineered Plastic Basket Lower 0.009" Slots, Stainless Steel Flat Plate
Under bedding	None
Regeneration Control	Non-electric Use Meter
Regeneration Type	Countercurrent
Meter Type	.030 - 25.00 gpm Polypropylene Turbine

Inlet Water Quality

Pressure Range	15 - 125 psi Dynamic Pressure
Temperature Range	35 - 160 ° F
Temperature (Continuous)	150 ° F
pH Range	5 - 10 SU
Free Chlorine Cl ₂ (Max.)	2.0 mg/l
Hardness as CaCO ₃ (Max.)	40 gpg

Operating Specs

Flow Range (15 / 30 psig)	10.2 - 16.4 gpm
Flow Configuration	Alternating
Dimensions (width x depth x height)	20 x 22 x 28"
Weight (Operating / Shipping)	220 / 100 lbs.

Connections

Inlet / Outlet Connections	Custom Adapter and Bracket
Drain Connection	0.5" Tube
Brine Line Connection	0.375" Tube (internal)
Overflow Connection	0.5" Tube
Power	None

System Part Numbers System Components

CC 208c, Compact Cabinet Softener, with Wheels	11500
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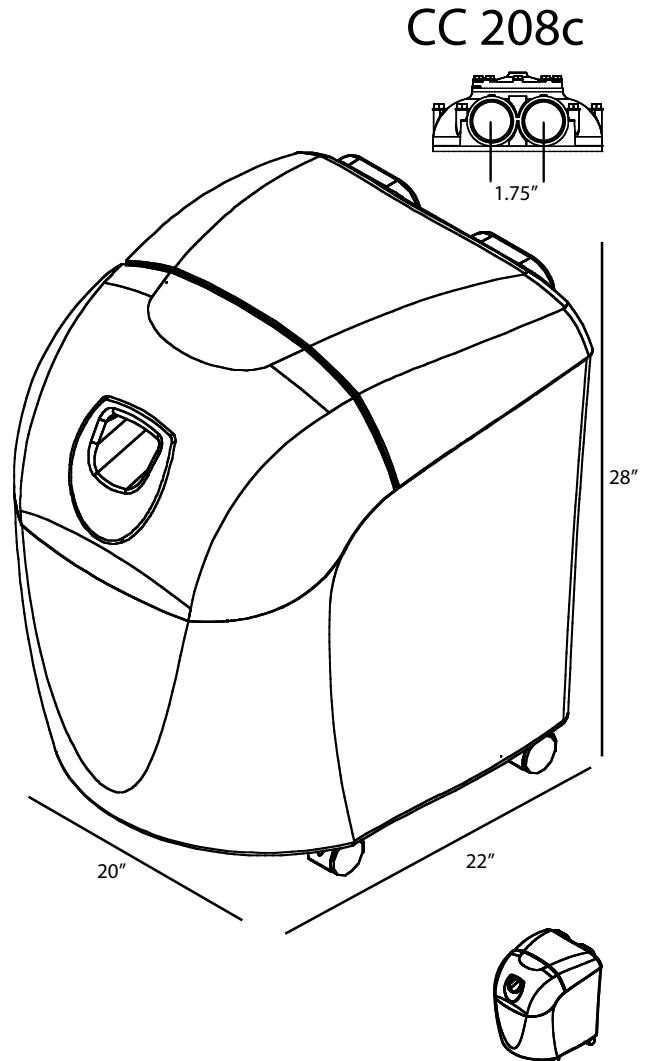
Brine Tank Options

Tank Description	CC 208 Cabinet
Tank Height	28"
Tank Footprint	20 x 22"
Material	HDPE
Salt Capacity	100 lbs.

Regeneration Specifications

Regeneration Volume	14 gallons
Regeneration Time	11 minutes
Backwash Flow Control	1.40 gpm
Brine Refill Flow Control	0.40 gpm

Setting	Capacity	Efficiency	Dosing	Meter Disc
1.0 lbs.	4,094 grains	4,094 gr./lb.	2.5 lbs./ft ³	
1.4 lbs.	4,818 grains	3,442 gr./lb.	3.5 lbs./ft ³	
Gallons/Regeneration:				
Flow during regeneration (@ 15 psig):				



Disc Selection (Compensated Hardness*)

1	2	3	4	5	6	7	8
4	9	14	19	23	27	30	35
5	11	17	22	27	32	35	40
732	366	244	183	146	122	105	92
10.2	10.2	10.2	10.2	10.2	8.3	6.7	5.5

*Compensated hardness in gpg = Hardness + (3 x Fe in mg/l)