



**CP Series**  
Commercial Plus  
Water Softener Systems

**Kinetico understands your company's water treatment needs.**

We deliver the quality you expect with a variety of standard features and a selection of options for your specific application.

## **CP Series Commercial Water Softening**

The CP Series water softener is ideal when expectations for both performance and efficiency are high and can't be compromised. The Kinetico control valve allows larger, commercial applications to enjoy the same benefits normally reserved for smaller installations.

### **CP Series features**

Automatic, non-electric operation

Overdrive® or alternating service flow configuration

Metered, demand operated

Variable meter ranges

Soft water, countercurrent regeneration

Maximum hardness reduction

Efficient, low cost operation

Corrosion-resistant

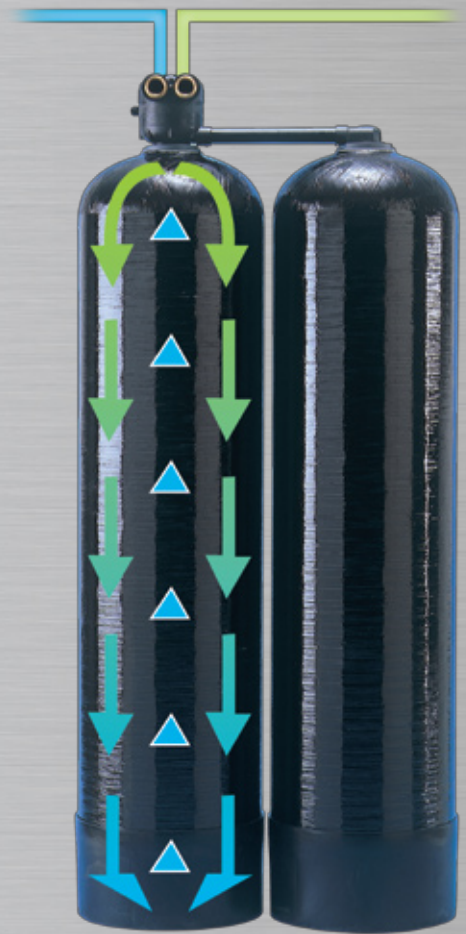
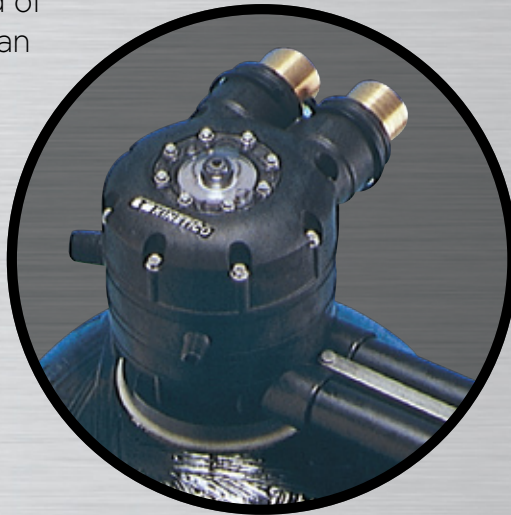




## KINETICO'S Exclusive Non-Electric Control Valve

Kinetico's patented control valve eliminates the need to adjust, set, repair or replace timers, computers or electrical components. The Kinetico control valve simultaneously manages two media tanks through service and regeneration cycles. Water pressure runs the system. As water passes through the control valve, a water turbine meters the amount of water processed by the system. The valve automatically initiates a regeneration after the predetermined amount of water has been treated.

Since the system is comprised of two media tanks, soft water can be used for the complete regeneration process which substantially improves the system's efficiency and the product water quality.



### Standards

**Various Product Sizes** provide nine to 110 gpm (34-416 lpm) of soft water.

**Non-Electric Kinetico Control Valve** uses hydraulic water pressure to automatically control all service modes and regeneration cycles.

**Quick Connect Adapters** allow for easy installation to .75", 1", 1.25" and 1.5" plumbing.

**Twin Tank System** provides an uninterrupted supply of clean, soft water that is also used to make brine for regeneration. Soft water regeneration uses less water than raw water regeneration.

**Countercurrent Regeneration** improves water quality by cleaning the system more effectively and efficiently.

**High Quality Resin** maintains long life and high capacity to assure quality water.

**Overdrive®** operation provides maximum flow performance. Overdrive engages both media tanks in service simultaneously. A standard control disc for alternating tank service is also available. Switching between alternating and overdrive modes is simple and adjustable in the field.

**Corrosion-Resistant Valve and Tanks** withstand the harshest environments.

### Options

**Modular Design** allows your system to grow as your water demand increases.

**Central Brining System** supplies brine regenerant for multi-unit configurations.

**Remote Start** functionality uses an external signal to initiate regenerations.

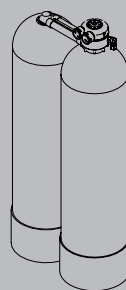
**Adjustable Meter Range** is created by interchangeable flow nozzles. Metering capability as low as 0.05 gpm and as high as 50 gpm (.19 - 190 lpm).

### Accessories

**Carbon Filtration** removes chlorine to extend resin life and improve product water quality.

**Sediment Filtration** improves feed water quality by removing solids.

**Reverse Osmosis** improves product water quality by reducing dissolved solids in water.



## Specifications

### CP 213s OD

### CP 216s OD

Tank Size	13" x 54"	16" x 65"
System Size (width x depth x height)	27" x 13" x 60"	33" x 16" x 71"
Resin Volume per Tank	2.5 ft <sup>3</sup>	4.0 ft <sup>3</sup>
Regeneration Time / Volume	90 min / 142 gal	90 min / 160 gal
Brining Levels	15 lb. / 25 lb.	25 lb. / 40 lb.
Recommended Brine Tank Size	24" x 40" (500 lb.)	24" x 40" (500 lb.)
Flow Meter	Full Louver	Open Louver
Meter Range	0.75 - 40 gpm	1.1 - 50 gpm
Flow Range (15 / 30 psig) Overdrive	28 - 40 gpm	35 - 47 gpm
Alternating	20 - 30 gpm	23 - 33 gpm
Max Hardness (Overdrive / Alternating)	40 / 51 gpg	40 / 49 gpg
Maximum Volume between Regenerations	8,922 gallons	15,192 gallons

## Flow Meter Options



### Half Louver Nozzle

Flow Range

0.3 - 22.0 gpm

0.3 - 25.0 gpm



### Full Louver Nozzle

(Standard with CP213s)

Flow Range (OD)  
Flow Range (ALT)

0.75 - 40.0 gpm  
0.75 - 30 gpm

0.75 - 40.0 gpm  
0.75 - 30 gpm



### Open Louver Nozzle

(Standard with CP216s)

Flow Range (OD)  
Flow Range (ALT)

1.1 - 45 gpm  
1.1 - 33 gpm

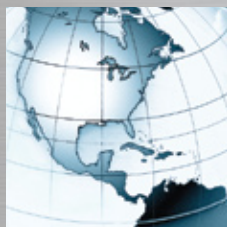
1.1 - 47 gpm  
1.1 - 33 gpm

### Remote Start

Flow Range  
Start Signal Flow  
Start Signal Pressure  
Start Signal Time

0-45 gpm  
0.5 gpm  
15 psi  
15 min

0-50 gpm  
0.5 gpm  
15 psi  
15 min



## Put to work worldwide

Since 1970, Kinetico has been designing and manufacturing innovative water treatment systems that solve a variety of water problems. Kinetico continually develops and offers products to meet the diverse water treatment needs of people in nearly 100 countries worldwide.



**Kinetico**  
water systems