



## RC Series Water Softeners



- Cleaner Laundry
- Sparkling Dishes
- Improved Dining
- Plumbing Protection
- Bottom Line Savings



The RC Series softeners bring household water to a new level of quality with the convenience of advanced controls and proven system performance. The metered, or time clock microprocessor-based controllers, and LCD displays simplify system programming and operation. The RC Series does the rest. Laundry soaps and shampoos clean better than ever. Best of all, your RC Series water softener will minimize system salt and water usage.

- **Modular Design.** Provides quick serving of the control. No bolts or screws means most repairs can be done without tools.
- **Adjustable Regeneration Cycle Sequences.** Programming can be adjusted to handle your exact water conditions.
- **Push-button Simplicity.** All settings and information retrievable at your fingertips.
- **Non-corrosive Construction.** All components are made of fiberglass, stainless steel or similar materials to provide years of service without rust or corrosion.
- **Hefty Brine Tank.** Large, 300 lb. capacity tank reduces the frequency of salt refill. Salt support platform keeps the salt dry and stops “mushing.” Safety brine valve prevents overflow of salt brine.
- **Full Flow Bypass Valve.** Easy to use, two handle valve allows you to water the garden or yard with raw water. Large porting prevents pressure drop.



**WATER  
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## An Advanced Control Head

The RC Series control head electronically meters water consumption and automatically initiates the regeneration cycle only when needed. The “brains” of the RC Series adjust to your lifestyle and changing water usage, minimizing system salt and water consumption, while monitoring and recording system performance, including:

- Days since last regeneration
- Gallons since last regeneration
- Reserve based on last 21 days of water usage
- Water flow rates
- Peak flow over last seven days
- Total days since start-up
- Total regenerations since start-up
- Total gallons used since start-up
- Program cycle times and sequence of cycles

This 5-button control head also features an easy-to-read LCD display, convenient push-button interface and a manual regeneration mode. If the power fails, just reset the clock – all settings and historical data will remain unchanged.

**Note: The 5-button metered control head is standard on the RC Series.**

## Optional Time Clock Control Head

An optional, less expensive, time clock control head is also available on the RC Series Water Softeners. Regeneration cycle is now initiated based on programmed day and time. This 3-button control head also allows simplified programming and history viewing.

- Easy-to-read LED display
- Cycle times set by factor
- Adjustable regeneration times
- Push-button time setting
- Convenient manual regeneration

**Note: The 3-button time clock control head is optional on the RC Series.**



The RC Series represents an advanced line of water softeners designed to handle the most demanding household needs. Whether the water is from a municipal source or a private well, the RC Series is highly effective in removing unwanted hardness or minerals. Use the RC Series alone or in combination with RC filters and neutralizers to tackle some of the most challenging water problems.

Count on your CP dealer for expert assistance in analyzing your water quality and recommending the system best suited to your water conditions and household needs. With a properly configured system, you’ll be sure to enjoy the economies of minimal salt and water usage that the RC Series offers.

**The RC Series gets the job done the first time.**

- models to handle any size household, large or small
- saves on water and salt usage
- excellent softening capacity
- simplified operator interface
- built-in memory
- fully programmable

## Optional RC Series Cabinet

The RC Series cabinet design offers excellent space savings while still allowing up to 150 lbs. salt storage.



## CAPACITY SPECIFICATIONS

MODEL		CPR948C	CPR1054C	CPR1252C	CPR1354C	CPRC935C
¹Capacity: (Grains/Lbs. NaCl)	Maximum	32,000 @ 15.0	48,800 @ 21.0	57,400 @ 24.0	72,800 @ 24.0	25,600 @ 12.0
	Medium	28,400 @ 9.0	44,400 @ 15.0	52,700 @ 18.0	64,200 @ 18.0	18,900 @ 6.0
	Minimum	23,600 @ 6.0	35,400 @ 9.0	40,000 @ 10.0	53,000 @ 12.0	11,800 @ 3.0
Amount of Media (Cu. Ft.)		1.0	1.5	2.0	2.5	0.8
Maximum Water Hardness (GPG)		75	100	100	100	50
²Maximum Iron (PPM)		1.0	1.0	1.0	1.0	1.0
Minimum pH Required		7	7	7	7	7
³Peak Flow Rate (GPM @ P-PSI)		17.1 @ 15.0	14.3 @ 15.0	14.3 @ 15.0	18.5 @ 15.0	12.2 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		5.0 @ 2.8	5.0 @ 3.8	5.0 @ 3.2	5.0 @ 2.4	5.8 @ 5.4
Water Pressure Range (PSI)		25-100	25-100	25-100	25-100	25-100
Water Temp. (°F)		33-100	33-100	33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"	1"	1"
Total Dimensions:	Media Tank	9"W X 56"H	10"W X 62"H	12"W X 60"H	13"W X 62"H	13.5"W x 42.5"H
	Brine Tank	18"W X 36"H	18"W X 36"H	18"W X 36"H	18"W X 40"H	
	Depth					22.5"

¹ All CPR Series units are factory set for Medium Salting.

² Iron removal may vary depending on form of iron, pH, and other local conditions.

³ The peak flow rates listed above do not represent the maximum service flow rate used for determining the softener capacity and efficiency ratings. Continuous operation at flow rates greater than the maximum service flow rate may affect capacity and efficiency performances.

**NOTE:** When specifying, be sure to indicate which control head. Add "3" for the 3-Button Time Clock head, or "5" for the 5-Button metered control head. (ex. "CPRC935C5" is the largest model above with a 5-button metered control head.)

*Your local water treatment professional:*



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