



# RF Series Water Softeners and Filters



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

## CPR FM Series Softeners (Five models to choose from)



**CPBF1354CF**  
(Backwash Filter with  
Activated Carbon)

**CPBF-ZF**  
(Backwash Filter for Turbidity)

The RF Series softeners are designed to effectively treat most common hard water problems found in either municipal or well water sources. RF Series models are affordable and efficient to operate in removing unwanted hardness and minerals from your household water.

- **Optional Meter Regeneration.** Monitors water usage and initiates regeneration according to the water volume consumed.
- **Durable Piston Control Valve.** Provides years of dependable service. Can be programmed to handle severe hardness, yet provide maximum salt efficiency.
- **Corrosion-resistant Construction.** The entire system utilizes stainless steel, fiberglass and polyethylene so rust and corrosion are eliminated.
- **Heavy-duty Brine Maker.** No seams or heat welds to fail and leak. Hefty 300 pound salt capacity minimizes frequency of salt refill.
- **Easy to Operate.** Easy to set time and day between regeneration. Cycles are already set by factory.

**CPAF1054GSF**  
(Automatic Sulfur/  
Iron Filter)





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## CPRF SERIES Water Softeners Solving Hard Water Problems

The affordable CPRF Series softeners all use high quality resin media to effectively remove hardness and unwanted minerals. This media readily releases those same contaminants during the backwash/regeneration cycle. Each CPRF model offers you a choice of regeneration control:

- 1) **time clock (T)** – set by dial for day and time
- 2) **mechanical meter (M)** – initiated by metered water usage
- 3) **electronic meter (ET)** – initiated by microprocessor-monitored water usage

## CPBF-CF Carbon Filter Unit Solving Taste and Odor Problems

Chlorine and slight sulfur odors can often be removed by a carbon filter unit. However, when odors are extreme, your water treatment professional may recommend a pre-chlorination system to help increase the life of the carbon unit. In such installations, the CPBF-Carbon filter system will effectively remove the sulfur and chlorine taste/odor that come from the chlorination system.

## CPAF-GSF Automatic Greensand Filter Solving Problems of Iron, Manganese and Hydrogen Sulfide

The CPAF Filter unit uses a Greensand media to effectively remove iron, manganese and hydrogen sulfide from well water using an oxidation and filtration process. Potassium permanganate, housed in a small feed tank, helps clean the iron and sulfur from the Greensand to be efficiently washed clean during backwashing.

## CPBF-ZF Filter Z

Choose from four different types of Filter Z media designed to remove suspended particles, silt and sand. Irregular-shaped surfaces of this natural zeolite media provide excellent filtering of “problem turbidity.” Its perfect density allows for high service flow rates during routine use while easily lifting and releasing captured deposits during system backwashing.

The CPRF Series water softeners economically remove unwanted hardness or minerals from your household water. Used alone or in combination, the RF Series softeners and filters can solve the most challenging water problems existing today.

Count on your CP dealer for expert advice on the use of this equipment and ways to optimize your water quality for drinking and household use.

### Now Available in Space Saving Design (CPRC935F)

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



## CAPACITY SPECIFICATIONS

MODEL		CPR844F	CPR948F	CPR1054F	CPR1252F	CPRC935F
*Capacity: (Grains/Lbs. NaCl)	Maximum	22,600 @ 12.0	32,400 @ 15.0	50,000 @ 22.0	59,800 @ 24.0	22,600 @ 12.0
	Medium	16,900 @ 6.0	26,200 @ 9.0	42,800 @ 15.0	52,600 @ 18.0	16,900 @ 6.0
	Minimum	11,800 @ 3.0	23,900 @ 6.0	32,600 @ 9.0	42,900 @ 12.0	11,800 @ 3.0
Efficiency (gr./lb.) @ lowest setting		3,900	4,000	3,600	3,600	3,900
Amount of Media (Cu. Ft.)		0.85	1.0	1.5	2.0	0.75
Maximum Water Hardness (GPG)		50	75	100	100	50
‡Maximum Iron (PPM)		1.0	1.0	1.0	1.0	1.0
Minimum pH Required		7	7	7	7	7
*Peak Flow Rate (GPM @ P-PSI)		8.0 @ 10.4	8.0 @ 12.9	8.0 @ 11.8	12.0 @ 15.0	8.0 @ 10.4
Continuous Flow Rate (GPM @ P-PSI)		4.0 @ 4.4	4.0 @ 5.3	4.0 @ 4.5	6.0 @ 5.6	4.0 @ 4.4
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	8"W x 52"H	9"W x 56"H	10"W x 62"H	12"W x 56"H	21"L x 14"W x 44"H
	Brine Tank	14"L x 14"W x 34"H	14"L x 14"W x 34"H	14"L x 14"W x 34"H	14"L x 14"W x 34"H	

\*All CPR units are factory set for Medium Salting. †Iron removal may vary depending on form of iron, pH, and other local conditions.

‡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.

## FILTER SPECIFICATIONS

MODEL NUMBER	CPBF 1044CF	CPBF 1054CF	CPBF 1252CF	CPAF 1044GSF	CPAF 1054GSF	CPAF 1252GSF	CPBF 1044ZF	CPBF 1054ZF
Mineral type Amount (cu. ft.)	CARBON 1.0	CARBON 1.5	CARBON 2.0	GREENSAND 1.0	GREENSAND 1.5	GREENSAND 2.0	FILTER Z 1.0	FILTER Z 1.5
Gravel Amount Type	14 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	21 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	21 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20	14 lb 1/4 x 1/8 7 lb. #20
Cont. Flow	5.0	5.0	6.0	4.0	4.0	6.0	5.0	5.0
Peak Flow	8.0	9.0	12.0	6.0	6.0	9.0	10.0	10.0
Backwash Flow GPM	6.0	6.0	8.0	6.0	6.0	8.0	8.0	8.0
Total Dimensions	10"W x 53"H	10"w x 63"H	13"W x 57"H	10"W x 53"H 10"W x 16"H*	10"W x 63"H 10"W x 16"H*	12"W x 57"H 10"W x 16"H*	10" W x 53"H	10"w x 63"H
Shipping Weight Unit	75	90	150	127	168	280	Mineral 100 lb Unfilled 46 lb	Mineral 150 lb Unfilled 56 lb

\*Potassium Feed Tank size

Your local water treatment professional:



**WATER  
TECHNOLOGIES**