

C Series

High Efficiency Water Softeners



- Do you see unsightly scale build-up on your sinks and bath tubs?
- Do you have to use a lot of soap for your laundry or to clean dishes or to wash your hair?
- Does your coffee maker/kettle have whitish deposits after use?
- Does your hot-water heater, humidifier or dishwasher have scale build-up?

If the answer to any one of the above is yes, you likely have hard water.

What is hard water? Simply put, water that contains high concentrations of calcium and magnesium compounds is called hard water. When hard water comes in contact with heat (as in hot water heater or a kettle), these compounds precipitate out of solution and form a thick scale. Further, hard water does not form lather easily and requires more detergent or soap than soft water.

Benefits of Rainfresh water softeners

Rainfresh water softeners make water soft by removing hardness using a process called Ion Exchange. Hardness-causing calcium and magnesium ions are replaced by an equivalent number of sodium ions. Sodium ions do not form scale, thus making the water soft, while maintaining its chemical balance.



Laundry



- Clothes washed in soft water come out softer and prevent damage to fibres.
- With soft water you will use up to 75% less detergent than hard water, saving you money.
- Whites come out whiter
- Extends your washing machine life by preventing scale build up



Shower & Shave

- Enjoy softer, bouncier hair & smoother skin after showers
- Prevents showerheads from clogging up due to scale
- Smoother and closer shaves & razors last longer
- Use up to 75% less shampoo and conditioners – saves you \$\$



Dishwasher

- Spotless glassware and dishes
- Use up to 75% less detergent – saves you \$\$

Water Heaters

Reduces energy costs by preventing scale build up in water heaters



FEATURES



Unique Controls – For High Efficiency and Ease of Use

- Can be easily wall mounted in tight spaces
- Fully programmable (cycle time, regeneration frequency etc.) based on water consumption
- **Uses up to 60% less salt than conventional softeners**

Ease of installation - Quick Connect Fittings

- 3/4" NPT elbow fittings, can be easily rotated to suit any installation angle
- Quick connect style reduces installation time and effort
- Reduces cost of extra plumbing fittings
- Unique built-in bypass valve included with turn tool for ease of use
- Includes up to 15 feet of drain hose & easy to follow instructions



Modern looks - Stylish Design

- Appliance look cabinet
- Salt lid slides upward and does not come in the way of salt loading



Trusted quality & performance – Certified to CSA B483.1

- Tested & certified by The Water Quality Association to CSA B483.1
- Components tested and certified by NSF International to highest industry standards



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MODELS AND SPECIFICATIONS

Model	Max Capacity (Grains)~	Resin (Cu Ft.)	Resin Tank Size (Dia x H)	Max Hardness Removal	Water Pressure (psi)*	Installation Kit	Bypass Valve	Audible Alarm
20C	20,000	0.66	8" x 35"	50 GPG	20 – 100	Included	Included	Yes
30C	30,000	0.88	9" x 35"	65 GPG	20 – 100	Included	Included	Yes
40C	40,000	1.05	10" x 35"	100 GPG	20 - 100	Included	Included	Yes

* - If pressure exceeds max rated pressure, a pressure regulator and water hammer arrestor must be installed before the unit

~ At 16 lbs. /regeneration

Do not use on water that is microbiologically unsafe without adequate disinfection before or after the unit. Operating Temp = 4 °C - 37 °C

Feed Water Quality:

- Iron < 0.5 PPM
- Turbidity < 1 NTU
- Hydrogen Sulphide – Nil
- Manganese < 0.05 PPM
- Free Chlorine < 0.5 PPM
- Organics – Nil

SOME COMMON QUESTIONS

Where do I install Rainfresh Softener? For municipally treated waters, the ideal location is just after the water meter, before the plumbing line divides into hot and cold. For well/lake water, the ideal location is after the pressure tank before line divides into hot and cold.

Will I drink all the salt that I put in the unit? It is a common misconception that the salt goes into the water. Salt is only used to recharge the softener resin with sodium after the resin capacity has been exhausted. Following this salt-recharge, the softener undergoes a rinse cycle during which any left-over salt is discharged to drain. However, soft water does have higher levels of sodium and thus not recommended for people on sodium restricted diets.

5 year limited warranty



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