

RainSoft turns ordinary water into extraordinary water . . .

Iron & Manganese Filtration System

- Rugged
- Reliable
- Effective

A Whole House Iron & Manganese Filtration System That's Fully Automatic

A RainSoft Iron & Manganese Filtration System provides a reliable supply of quality water with minimum attention. Great for solving special water problems, the system is built for long life and trouble-free operation.

RainSoft
Environmental Products for the Home since 1953

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A Division of Aquion Water Treatment Products

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(Each RainSoft dealership is independently owned and operated.)

Filtration System Features



Tank-Within-A-Tank Construction

Rugged tank is wound with miles of glass filament for extraordinary strength. Inside there's another tank of sanitary plastic so your drinking water will never touch the interior fiberglass surface.

Exclusive Composite Valve

Uses advanced NORYL™ composite material to enhance dimensional integrity and protect the valve from expansion or shrinkage due to pressure and temperature fluctuations.

Electronic Timer

Simple yet versatile controls. Set it and forget it; enjoy an unlimited supply of filtered water.

Power Outage Recovery If power is lost, the TC Series will automatically recover and complete the process once power is restored. This feature ensures that all scheduled regeneration cycles are never missed, and that filtered water is always available.

Powerful High Torque Motor Self-lubricating and with power to spare, for maintenance-free, long life operation.

Large Porting & Internal Piping The TC filter provides generous water flow rates.*

Automatic Bypass During Regeneration Eliminates the inconvenience of being without water.

NOTE: Tank size and local water pressure will affect the operating flow rate of the unit.

CALIFORNIA RESIDENTS ONLY

Please note that your state certification information for this product is described on the back of the sheet.

The smart, economical way to enjoy the best water possible.

Filter Media

Birm This media has been selected for its efficient and economical method of reducing ferric iron and manganese compounds from water supplies. It maintains a long material life with relatively low attrition loss, a wide temperature performance range and extremely high removal efficiency. Birm acts as an insoluble catalyst to enhance the reaction between dissolved oxygen and the iron compounds.

Application Limitations

Incoming water should contain no oil or hydrogen sulfide; organic matter not to exceed 4–5 ppm; dissolved oxygen content to equal at least 15% of iron content with a pH of 6.8 or more. If influent water has pH of less than 6.8, a pH adjustment will be necessary. Chlorination greatly reduces birm's activity, and dosages should be held to a minimum. Birm may also be used for manganese reduction. In these applications, the water to be treated should have a pH of 8.0–9.0 for best results. If water also contains iron, the pH should be below 8.5. High pH conditions may cause formation of colloidal iron, which is very difficult to filter out. Well pumps must produce greater flow rate than the required backwash flow rate. Maximum practical limit of Iron (Fe^{+2}) is 10 ppm; Manganese (Mn^{+2}) is 2 ppm. Actual results may vary based on local water conditions.

Maintenance Requirements

The filtering media will eventually become exhausted or consumed and will need replacement. The replacement schedule will depend on the incoming water quality and the amount of water you use. Your local authorized RainSoft dealer can provide you with replacement schedules based on your water-using habits and your incoming water quality.

The regeneration valve is designed to last a lifetime. From time to time it may be necessary to clean and lubricate the moving parts. Your water quality and the amount of regenerations will affect this schedule. Your dealer is knowledgeable in different water qualities and the necessary parts required in completing this service.

CALIFORNIA RESIDENTS: Water treatment devices sold to retail consumers in California accompanied by certain health claims must be certified by the State of California Department of Public Health. The RainSoft TC-FLT R Series filter is not certified by the State of California for the purpose of making health claims.



RainSoft Model TC-FLT R Series filter is UL and CSA Listed, and is certified by TÜV to meet European CE requirements. Refer to the manufacturer's Performance Data Sheet for specific claims and certifications.

Benefits will be provided by various types of RainSoft equipment when installed and operated according to manufacturer's recommendations. Operational, maintenance and replacement requirements are essential for the product to perform as advertised. All claims based on best available information at time of printing. Manufacturer makes no representations as to the suitability of this equipment for a particular application. Buyer relies entirely on dealer's recommendations in the purchase of this equipment. Independent RainSoft dealers may include, together with your RainSoft product, a product or component that is not manufactured by RainSoft or their parent company, AWTP, LLC. Any non-RainSoft product may be covered by the manufacturer of that product, and is not covered by the RainSoft warranty. AWTP, LLC does not warrant that your RainSoft product and the non-RainSoft product will perform properly when used together, and assumes no liability therefore.