

RainSoft turns ordinary water into extraordinary water . . .

# Iron, Sulphur & Manganese Filtration System

- Rugged
- Reliable
- Effective

## A Fully Automatic, Whole House Iron, Sulphur & Manganese Filter

RainSoft special problem-solving filters are designed to work in tandem with RainSoft water conditioners providing a reliable supply of treated water with minimum attention. Each filter is built for long life and trouble-free operation.

### Filtration System Features

**Tank-Within-A-Tank Construction** Rugged tank is wound with miles of fiberglass for extraordinary strength. Inside, there's a second tank to ensure your drinking water will never come in contact with the exterior tank's 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.\*

### Manual Regeneration Tab

A simple push of the tab starts a complete regeneration cycle giving you extra treated water if and when needed.

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

**Chemical Recharge Tank** Holds enough potassium permanganate for numerous recharges, so it only needs periodic refilling. The exact amount of chemical is automatically metered into the treatment tank during regeneration.

\* Tank size and local water pressure will affect unit's operating flow rate.

CALIFORNIA RESIDENTS ONLY

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



Environmental Products for the Home since 1953  
A Division of Aquion Water Treatment Products

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(Each RainSoft dealership is independently owned and operated.)

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

### Filter Media

Manganese greensand (GP) oxidizes the iron and sulphur into solids, then filters them out. Regenerates with a potassium permanganate solution.

### Application Limitations

The rate of flow from the well pump must be greater than 6 gallons per minute (GPM) to achieve a proper backwash. The maximum iron removal amount is 11.2 PPM or 2 PPM manganese at a 6 GPM service flow. The minimum operating pressure is 20 PSI. The pH range is 6.9–8.8 with a maximum inlet temperature of 100°F. Do not install this unit if the water has a high chloride content.

### Maintenance Requirements

When the potassium permanganate is consumed, it must be replaced. The rate of consumption is based on frequency of regeneration and water temperature. Please consult your owner's manual for further information.

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.

NOTE: It is recommended that the solution tank float assembly be serviced annually.

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-F8 GP Series filters are not certified by the State of California for the purpose of making health claims.



Model TC-F8 GP 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.