

RainSoft® turns ordinary water into extraordinary water . . .

# OXYTECH™

CHEMICAL-FREE IRON, SULPHUR AND MANGANESE REDUCTION

- Rugged
- Reliable
- Effective



## A Fully Automatic, Chemical-Free Whole-House Problem Water Filtration System

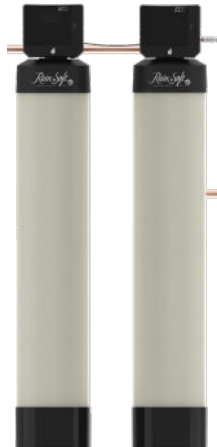
The RainSoft EC5 OxyTech system reduces iron, manganese and hydrogen sulfide, providing a reliable supply of treated water with minimal attention. The EC5 OxyTech system is built for long life and trouble-free operation.

RainSoft's new EC5 OxyTech provides unparalleled ease of use with features and benefits that ensure your family receives the finest water possible throughout your home.



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A Division of Aquion Water Treatment Products



### EC5 OxyTech Features

**RainSoft Remind®** Available for both iOS and Android, the RainSoft Remind app allows you to monitor your EC5 Oxytech system remotely and alerts you when your system requires attention. You can even schedule service and maintenance right from your smart phone or tablet.

**Immediate Condition Response** Push any button and the EC5 OxyTech wakes up to display the system status with any applicable instructions or messages.

**Power Outage Recovery** If power is lost during the regeneration process, the EC5 OxyTech will automatically recover and complete the process once power is restored. This feature ensures that filtered water is always available.

### Graphic Display

The EC5 OxyTech provides easy-to-read and understand system information via a two-line LCD display. Messages scroll across the display identifying the menu being accessed.

**Information Center** Simple access to the EC5 OxyTech's Information Center menu provides the customer with information about their system, water quality, usage profile and general support data. Aids both the customer and the dealer when troubleshooting the unit.



### Filter Media

The EC5 OxyTech media is a special blend of four minerals, each with specific removal characteristics. These minerals maintain a long material life with a relatively low attrition loss and a wide temperature performance range.

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

## The smart, economical way to solve severe water problems in your home.

### How the EC5 OxyTech Works

**Step 1:** Water enters the EC5 OxyTech compressed aeration chamber. As the water passes through the compressed air chamber, the water becomes highly oxygenated. As the non-treated water flows through the compressed air chamber, the Iron, Manganese and Hydrogen Sulfide become oxidized, separating the minerals from the water and bonding to the oxygen.



**Step 2:** The highly oxygenated water then flows through the multimedia filter bed where iron, manganese and elemental sulphur are trapped in the multimedia bed.

### Application Limitations

**pH** The influent water must be between 6.8–9.0.

**Iron** Maximum of 10 ppm of ferrous (clear water) and/or ferric (red water) iron. If iron is present, the pH should be below 8.5. Higher pH conditions may cause the formation of colloidal iron, which is very difficult to remove.

**Iron Bacteria** If iron bacteria are present, frequent service may occur and the life of the system may be limited. By properly controlling the iron bacteria with chlorine or other approved methods for bacterial reduction, the system will function properly.

**Hydrogen Sulfide** Maximum of 5 ppm.

**Manganese** Limit 2.0 ppm; amounts over 2.0 ppm may gradually prevent iron removal. For optimum manganese reduction, the pH should be between 8.0–9.0. If iron is also present, the pH should be below 8.5.

**Chlorine** The presence of chlorine in the raw water supply should be limited to a maximum of 1.0 ppm.

**Organic Matter (Tannins)** The presence of organics above 2.0 ppm may hinder the operation of the system.

### 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 valves are designed to last a lifetime. Annual cleaning or replacement of internal parts will be necessary since these parts are exposed to untreated water. 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.

Upon installation, your system will be programmed with an alarm to remind you when either of the above services are required.

### Operating Features

- LCD display prompts the user with easy-to-understand system information and messages.
- Control automatically compensates and adjusts for daylight saving time.
- The system maintains time up to 1 week without a battery backup in case of a power outage. Program settings are maintained indefinitely, eliminating the need to reprogram.



The EC5 OxyTech series are UL listed. 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, Aquion, Inc. Any non-RainSoft product may be covered by the manufacturer of that product, and is not covered by the RainSoft warranty. Aquion, Inc. does not warrant that your RainSoft product and the non-RainSoft product will perform properly when used together, and assumes no liability therefore.

CALIFORNIA RESIDENTS: Water treatment devices sold to retail consumers in California, accompanied by certain health claims, must be registered to California State Water Resources Control Board. This product is not registered in the State of California for the purpose of making health claims.  
WISCONSIN RESIDENTS: This product is not certified and registered in the State of Wisconsin to remove hydrogen sulfide and sulfur.