

RainSoft turns ordinary water into extraordinary water . . .

EC4 TECHNOLOGY

EC4 Water Conditioning System Delivers Smart Performance You Can Count On

The RainSoft EC4 Series water conditioning system softens, filters, reduces ferrous iron, clarifies and polishes your water to give you an abundant supply of luxuriously conditioned water throughout your home.

RainSoft's new EC4 Technology provides unparalleled ease of use, with features and benefits that ensure your family receives the finest water possible throughout your home.


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.)

- Smart Features
- Limited Lifetime Warranty
- User Friendly Reliability



EC4 Series Features

Immediate Condition Response

Push any button and the EC4 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 EC4 will automatically recover and complete the process once power is restored. This feature ensures that all scheduled regeneration cycles are never missed, and that soft water is always available.

Distinctive Alarm Tones The EC4 supports three different alarms—low salt, no salt, and when service is required.

Large Interactive Display The EC4 provides easy-to-read and understandable system information via a two-line LCD display. Messages scroll across the display, identifying the menu being accessed.

Information Center

Simple access to the EC4'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.

Proportional Brine and Rinse Overall system efficiency is achieved with RainSoft's proportional brining feature. Saves on overall salt and water consumption with shorter regeneration cycles based upon specific household water usage.



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

EC4—the smart, economical way to enjoy the best water possible.

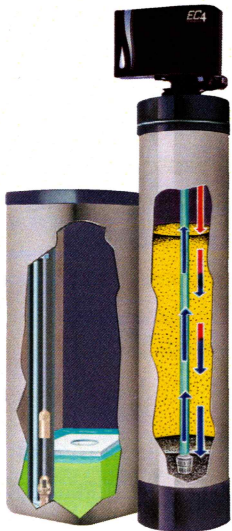
How the EC4 Water Conditioner Works

Step 1: Water enters RainSoft's exclusive rugged control valve and flows down through the EC4 resin tank.

Step 2: The water is filtered and treated as it passes through the special "ion exchange" resin. Hardness ions are ionically retained in and on the resin. The optional carbon bed further polishes and clarifies the water.

Step 3: Once completely conditioned, the water exits the resin tank through the riser pipe and out the control valve.

Step 4: At metered intervals, the unit begins a regeneration process. Using salt as a regenerant, the retained hardness ions are flushed out of the system and down the drain. The unit then prepares itself for the next conditioning cycle.*



Operating Features

- New LCD display prompts the user with easy to understand system information and messages.
- Full menu of settings allows you to customize system to your family's needs.
- Computer control prevents you from running out of treated water.
- Control automatically compensates and adjusts for daylight savings 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.
- Calculates and uses optimum salt and water combination for each regeneration.

* Potassium chloride may be used instead of salt.
** Outdoor Model only.

Other Benefits

- All plastic enclosures fit tightly to protect control components from outside elements.**
- Brine tank is equipped with overflow protection to protect against overflow due to power outages during regeneration.

CALIFORNIA RESIDENTS: Water treatment devices sold to retail consumers in California accompanied by certain health claims must be certified by the California Department of Health Services. The following models are certified by the State of California's Department of Health Services:

- EC4 75 CV (Certificate 06-1803)
- EC4 100 CV (Certificate 06-1802)
- EC4 150 CV (Certificate 06-1801)

All other product models are not certified by the State of California for the purpose of making health claims.

RainSoft
Environmental Products for the Home...since 1953



RainSoft EC4 Water Conditioning Systems are UL listed. RainSoft EC4 Water Conditioning Systems are tested and certified by the WQA to NSF/ANSI Standard 44 for the specific performance claims as verified and substantiated by test data. 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.



DEMAND INITIATED

WATER TREATMENT SYSTEM

PERFORMANCE DATA SHEET - page 1 of 2

EC4 75 V and EC4 75 CV

DEMAND INITIATED WATER TREATMENT SYSTEMS

- SERVICE FLOW RATE: 9.0 GPM (V)
- SERVICE FLOW RATE: 9.3 GPM (CV)
- DRAIN FLOW RATE: 1.5 GPM
- PSI DROP @ FLOW RATE: 15.0 psi (V)
- PSI DROP @ FLOW RATE: 15.0 psi (CV)
- ELECTRICAL: 24 VAC, 50/60 Hz (COMPUTER)
- SALT PER REGENERATION: VARIABLE
- CAPACITY: 28,100 GRAINS @ 11.2 LB. SALT
- CAPACITY: 24,000 GRAINS @ 7.5 LB. SALT
- CAPACITY: 13,400 GRAINS @ 3.0 LB. SALT
- EFFICIENCY: 4,470 GRAINS/LB.SALT @ 3.0 LB. DOSAGE
- OPERATING TEMPERATURE: 40-100°F (4.4 - 38°C)
- OPERATING PSI OF SUPPLY: 20-120 PSI (138-828 kPa)

LIST OF CONTAMINANTS REDUCED

CONTAMINANT	USEPA MCL
BARIUM*	2 PPM
RADIUM 226/228*	5 PCI/L

NSF/ANSI STANDARD 44 TEST CONDITIONS: 35 ± 5 psi, 65 ± 10°F, pH 7.5 ± 0.5 at service flow rate
 *Hardness was used as a surrogate for Barium and Radium reduction claims per NSF/ANSI 44

SOFTENING PERFORMANCE TEST

CHALLENGE	AVERAGE INFLUENT LEVEL	AVERAGE EFFLUENT LEVEL
HARDNESS	350 PPM	9 PPM

NSF/ANSI STANDARD 44 TEST CONDITIONS: 35 ± 5 psi, 65 ± 10°F, pH 7.5 ± 0.5 at service flow rate

ADDITIONAL NOTES:

- The list of substances which this treatment device reduces does not necessarily mean that these substances are present in your water supply.
- Actual results may vary due to local water conditions.
- An efficiency rated water softener is a Demand Initiated Regeneration softener which also complies with specific performance specifications intended to minimize the amount of regenerate brine and water used in its operation and will achieve a rating of not less than 3,350 grains of total hardness exchange per pound of NaCl salt and shall not deliver more salt than its listed rating. The efficiency is measured by a laboratory test described in NSF/ANSI 44. The test represents the maximum possible efficiency that the system can achieve. Operational efficiency is the actual efficiency achieved after the system has been installed and is typically less than the tested efficiency due to individual application factors including water hardness, water usage, and other contaminants that reduce the softeners capacity.
- A water softener is not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.
- Efficiency of conditioner is valid only at the stated salt dosage.

THE UNIT SHOULD BE INSTALLED IN AN AREA NOT AFFECTED BY EXTREME HEAT, COLD, OR THE ELEMENTS. THIS SYSTEM MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL LAWS AND REGULATIONS.

THE SYSTEM CONTAINS AN ION-EXCHANGE MEDIA FOR REMOVING LISTED CONTAMINANTS AND MUST BE REGENERATED PERIODICALLY. REFER TO THE OWNERS MANUAL TO DETERMINE FREQUENCY OF REGENERATION.

PLAIN, WHITE BLOCK SALT IS RECOMMENDED. IF BLOCK SALT IS NOT AVAILABLE, A CLEAN, COARSE OR EXTRA COARSE ROCK OR SOLAR SALT MAY BE USED. DO NOT USE GRANULATED SALT.

CONSULT YOUR DEALER FOR POTASSIUM CHLORIDE USE.

YOUR LOCAL DEALER IS AVAILABLE FOR SERVICE AND WARRANTY PARTS REPLACEMENT.

THIS PERFORMANCE DATA SHEET IS NOT FOR USE IN CALIFORNIA, SEE CALIFORNIA SPECIFIC DATA SHEET.

TESTED AND CERTIFIED BY THE WQA TO NSF/ANSI STANDARD 44 FOR THE SPECIFIC PERFORMANCE CLAIMS AS VERIFIED AND SUBSTANTIATED BY TEST DATA.



SEE THE OWNERS MANUAL FOR GENERAL OPERATION AND MAINTENANCE REQUIREMENTS.

SEE WARRANTY CARD FOR SPECIFIC WARRANTY INFORMATION.

IMPORTANT NOTICE

READ THIS PERFORMANCE DATA SHEET AND COMPARE THE CAPABILITIES OF THIS UNIT WITH YOUR ACTUAL WATER TREATMENT NEEDS. IT IS RECOMMENDED THAT BEFORE PURCHASING A WATER TREATMENT UNIT, YOU HAVE YOUR WATER SUPPLY TESTED TO DETERMINE YOUR ACTUAL WATER TREATMENT NEEDS.