

## Commercial Chlorine Reduction Filter

Rainfresh Commercial Chlorine Reduction Filter is designed to efficiently and effectively reduce chlorine from water supplies. It features high grade activated carbon media that reduces > 95% chlorine at the rated flow rate.

ECFE systems can be used in a variety of applications such as:

- Municipal Drinking Water
- Oil & Gas
- Healthcare
- Food Service / Restaurants
- Beverage or food manufacturing
- Schools
- Clinics
- Laboratories etc

When water flows through the Rainfresh ECFE system, chlorine and turbidity is instantly removed and filtered water passes out for use. The ECFE system features a fully automatic electronic control valve that sets off an automatic backwash cycle after a pre-set time interval to remove trapped dirt in the filter and prevent channeling.

### Control Valves



- Fully adjustable, 3-cycle control - backwash, slow rinse, rapid rinse and service
- Designed for single tank or multi-tank systems, alternating or interlocking
- Protective NEMA 3R enclosure
- Choice of 7 or 12 day clock or metered regeneration
- Valve body constructed of lead-free brass
- Fully programmable individual cycles
- Optional no-hard water bypass
- Component certified to NSF 61

### Electronic Controller

The 3200NXT Network Controller uses on-board communication capabilities to link multiple commercial valves (via CAT3 cables)

- 2x16 character backlit LCD display
- Networks up to four valves
- Easy installation with plug-in wiring harnesses
- Easy time of day adjustment
- Front panel diagnostics button
- Remote signal start option



3200NXT controller



### Tanks & Internals

- Seamless polyethylene liner wrapped with a continuous filament wound/epoxy resin fiberglass shell designed for 100 psig working pressures and temperatures of 120°F (49°C) – component certified to NSF 44/61
- PVC hub/lateral flow distributor and riser tube
- Corrosion resistant materials for long life
- Much lighter & easier to handle compared to steel tanks

## System Specifications

- Pressure: 30–100 psig
- Power: 24 Volts 50/60hz
- Temperature: 4 - 49°C (40–120°F)
- Turbidity < 5 NTU. Water must be pre-filtered if turbidity exceeds 5 NTU

## System Selection

ECF	E	36	72	2	3900
↑	↑	↑	↑	↑	↑
ENVIROGARD CARBON FILTER	Electronic Controller (3200NXT)	Media Tank Dia 12" 14" 16" 21" 24" 30" 36"	Media Tank Height 45" 52" 65" 69" 72"	Valve Size 1" 1.5" 2" 2.5" 3"	Valve Type 2510 2750 2850 2850S 2900S 3150 3900

## Models

Model	Media Qty (Cubic Ft)	Media Tank Size (Dia x H)	Service Flow Rate (US GPM) for chlorine reduction
ECFE1252	2.0	12" x 52"	10.0
ECFE1465	3.5	14" x 65"	17.5
ECFE1665	4.5	16" x 65"	22.5
ECFE1865	5.5	18" x 65"	27.5
ECFE2162	7.5	21" x 62"	37.5
ECFE2472	10.0	24" x 72"	50.0
ECFE3072	15.0	30" x 72"	75.0
ECFE3672	25.0	36" x 72"	125.0
ECFE4272	35.0	42" x 72"	175.0

Valve and pipe size can be configured to suit application.

## Warranty

One year warranty against defects in materials, workmanship & corrosion. 5 year warranty on tanks

## About Envirogard

For over 50 years, Envirogard has been leading the water treatment industry in Canada by providing high quality products and solutions at affordable prices. "Rainfresh" products are used across Canada and in over 40 countries worldwide.



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