

Performance Data Sheet

Model: CFS9812ELX/CFS9812ELX and CFS9812ELX-S/CFS9812ELX-S

Use Replacement Cartridge: CFS9812ELX (for system CFS9812ELX/ CFS9812ELX) and CFS9812ELX-S (for system CFS9812ELX-S/ CFS9812ELX-S)



System tested and certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of claims specified on the Performance Data Sheet.

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI Standard 42 and 53.

Capacity 10,000 Gallons (37,854 Liters)

Contaminant Reduction Determined by NSF testing.

Substance Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Nominal Particulate Class I, $\geq 0.5 < 1.0 \mu\text{m}$	9,466,667 pts/mL	At least 10,000 particles/mL	99.9%	2,180 pts/mL	N/A	$\geq 85\%$	J-00029868
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L \pm 10%	97.5%	0.05 mg/L	N/A	$\geq 50\%$	511294-03
Cyst*	115,000 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	$\geq 99.95\%$	J-00067813

*Based on the use of Cryptosporidium parvum oocysts

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Application Guidelines/Water Supply Parameters	
Service Flow	1.67 gpm (6.32 lpm)
Water Supply	Potable Water
Water Pressure	25 -125 psi (172 – 862 kPa)
Water Temperature	40° F - 100° F (4.4° C - 38° C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge:

CFS9812ELX (for system CFS9812ELX/ CFS9812ELX)

CFS9812ELX-S (for system CFS9812ELX-S/ CFS9812ELX-S)

For estimated costs of replacement elements please call 866.990.9785 or visit our website at www.3Mpurification.com

Parts and service available from:



3M Purification Inc.
 400 Research Parkway
 Meriden, CT 06450, U.S.A.
 Tel 866.990.9785
 203.237.5541
 Fax 203.238.8701
www.3Mfoodservice.com
www.3Mpurification.com

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WARNING

To reduce the risk associated with ingestion of contaminants:

- **Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system.** Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
 EPA Establishment Number 070595-CT-001

CAUTION

To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- **Do not** install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi, you **must** install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not** install where water hammer conditions may occur. If water hammer conditions exist you **must** install a water hammer arrester. Contact a plumbing professional if you uncertain how to check for this condition.
- **Do not** install on hot water supply lines. The maximum operating water temperature of this filter system is 100° F (38° C).
- **Protect filter from freezing.** Drain filter when temperatures drop below 40°F (4.4°C).
- The disposable filter cartridge **must** be replaced every 6 months or at the specified service cycle, or sooner, if a noticeable pressure drop occurs.
- Flush 3.5 gallons through cartridge before use (flush approximately 2 minutes).