

10" CBC 1 Micron Inline Lead and Cyst Reduction Filter Assembly

This system has been tested according to NSF/ANSI 42, NSF/ANSI 53, NSF/ANSI 372 for low lead content and CSA B483.1 for reduction of the substances listed below. 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 42 and NSF/ANSI 53. While testing was conducted under standard laboratory conditions, actual performance may vary.

Performance Data Table

Parameter	Minimum % reduction requirement/Max effluent concentration	Influent Challenge	Effluent Average	Effluent Maximum	Percent Reduction Average	Percent Reduction Minimum
Chlorine	>50% reduction	2.20 ppm	<0.1	<0.1	98.9%	98.9%
Cyst	>99.95% reduction	145000 oocysts/L	44 oocysts/L	50 oocysts/L	99.97%	99.97%
Lead (Low pH = 6.5)	10 ug/L	150 ug/L	0.49 ug/L	1.60 ug/L	99.7%	98.9%
Lead (High pH = 8.5)	10 ug/L	150 ug/L	1.47 ug/L	7.50 ug/L	98.9%	94.6%
Particulate Class I (>=0.5um to <1um)	>85% reduction	>= 10,000 particles/ml	288 particles/ml	704 particles/ml	97.9%	94.9%

Tested using flow rate = 0.5GPM/1.9LPM; pressure = 60 psi dynamic; pH = 7.5 ± 0.5; temp. = 20 ± 1.0° C.

Operating Specifications

Capacity (Chlorine): 2,500 Gallons / 9464 Liters;
Capacity (Lead): 1,250 Gallons / 4732 Liters
Flow Rate: 0.50 GPM / 1.9 LPM
Maximum Pressure: 100 psi / 7 bar
Minimum Pressure: 60 psi / 4 bar
Temperature: 35-100°F (2-38°C)

