Performance Data Sheet

This system has been tested according to NSF/ANSI Standards 42 & 53 For the 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 Standards 42 & 53.

Substance Reduction Aesthetic Effects	Inluent Challenge Concentration	Maximum Permissible Product Water Concentration	Average% Reduction
Chlorine Taste/Odor Particulate Class	2.0 mg/L ± 10% At least 10,000 particles/mL	50% reduction 85% reduction	>99.99
Contaminant Reduction	**Inluent Challenge Concentration**	**Maximum Permissible Product Water Concentration**	**Average% Reduction**
Lead: @ pH 6.5 / @ pH 8.5	0.15 mg/L± 10%	0.010 mg/L	99.99
Arsenic	0.050 ± 10%	0.010	96.4
Cadmium	0.03 ± 10%	0.005	>99.9
Chromium III	0.3 ± 10%	0.1	99.2
Copper	3.0 ± 10%	1.3	99.8
Mercury	0.006 ± 10%	0.002	99.9
Selenium	0.10 ± 10%	0.05	>99.9
Alachalor*	0.050	0.001	>99.9
Chloramine	3.0 +/- 10%	0.5	>99.9
Chlorine	2.0 +/- 10%	> or = 50%	95.0
Cyst	50,000/L min.	99.95% reduction requirement	99.99
Barium		0.2	99.99
Benzene*	0.015 mg/L ± 10%	0.005 mg/L	>99.9
Lindane*	0.002 ± 10%	0.0002 mg/L	>99.9
2,4 – D*	0.210 mg/L ± 10%	0.07 mg/L	>99.9
Toxaphene	0.015 ± 10%	0.003 mg/L	96.9
Polystyrene	7.5 ± 0.5	200 – 500 mg/L	99.99
VOC			99.99
p - Dichlorobenzene	0.225 mg/L ± 10%	0.075 mg/L	99.99
Turbidity	11 NTU ± 10%	0.5 NTU	97.3
Asbestos	10^7 to 10^8 fibers/L††	99%	>99.9
Atrazine*	0.009 mg/L ± 10%	0.003 mg/L	>99.9
TCEP	5,000 ± 20%	0.0007	99.99
TCCP	5,000 ± 20%	0.0007	99.99
BPA			99.99
Nonylphenol	1400 ± 20%	200 ng/L	99.99
PFOA/PFOS	Waiting for the report		99.99
O-Dichlorobenzene	1.8 mg/L ± 10%	0.60 mg/L	>99.9
DEET	1,400 ± 20%	0.0002	99.99
Metolachlor	1,400 ± 20%	0.0002	99.99
Linuron	140 ± 20%	20 ng/L	99.99

*Tested by Envirotek Laboratories Inc. for performance specifications
The compounds certified under these standards have been deemed as “emerging compounds/incidental contaminants.” Emerging compounds/incidental contaminants are those compounds that have been detected in drinking water supplies at trace levels. While occurring at only trace levels, these compounds can affect the public acceptance/perception of drinking water quality

- It is essential that operational, maintenance, and filter replacement requirements be carried out for the product to perform as advertised. Property damage can occur if all instructions are not followed.
- The disposable cartridge must be changed at least every 6 months.
- The filter monitor system measures the amount of water that passes through the filter and alerts you when it is time to replace the filter.
- After changing the water filter, flush the water system.
- These contaminants are not necessarily in your water supply. While testing was performed under standard laboratory conditions, actual performance may vary.
- The product is for cold water use only.
- The water system must be installed in compliance with state and local laws and regulations.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.