

**ECOWATER**  
S Y S T E M S<sup>®</sup>



Your Water. Perfected.

## EcoWater Safe Fountain System Reduces Lead and Other Contaminants



### Application



#### Easily Hooks Up to Existing Fountains

#### Important Note From Our President:

Most lead contamination comes from underground pipes and lead solder joints in the walls. If you find high levels of lead in one fountain or faucet, it's sure to show up in others since they're all connected to the same piping systems. School districts that initially replaced a 'hot' fountain or two have found they're just chasing the problem from one location to another. Point-of-use filtration is the only effective way of treating lead and other potentially harmful contaminants by producing fresh filtered water just before it's consumed. We're experts in the area and our patented Metsorb<sup>®</sup> lead absorber is the standard for the industry. Let us help solve your district's water problems with cost effective, easy to maintain solutions.

Sincerely,

Chris Wilker,  
President, Professional Products  
EcoWater Systems LLC  
A Berkshire Hathaway Company

### A New Standard for Drinking Water Fountain Purity

#### ✓ Effective Contaminant Reduction:

- NSF 53 – Certified for 99.3% lead (both colloidal and dissolved lead) removal.
- A complete range of point-of-use systems to resolve virtually any water problem from lead, sediment, taste, odor, bacteria, virus, cysts and chemical to pharmaceutical contamination.
- Ensures safe water regardless of municipal system upsets, water main breaks or plumbing problems.
- Provides great tasting water that encourages good student hydration.

#### ✓ Low Cost:

- Significantly lower cost than bottled water and easier to maintain.
- Attaches to your existing fountains, saving cost and eliminating the problems associated with opening walls in older schools.

#### ✓ Security:

- Automatic shut-off that monitors flow and turns off after the rated number of gallons is reached to ensure proper maintenance and healthy water for students.
- Industrial tamper proof cabinet protects the system from accidental damage.

#### ✓ Rental and Professional Installation / Service Options:

- Professional installation and maintenance available through EcoWater's extensive dealer network.
- Rental and maintenance options to suit any user's budget.

#### ✓ Technology:

- The SFS1000: a single stage filtration system that reduces lead, cysts, chemicals, pharmaceuticals and odors, while making your water taste great.
- The SFS3000: a triple stage filtration system designed for areas with high sediment, in addition to removing the contaminants listed above.
- The SFS3500: the ultimate triple stage filtration system that also reduces bacteria and other microbiological contaminants.
- This product is covered by a number of issued patents.

# Specifications

	SFS1000	SFS3000	SFS3500
Part #	SFS1000	SFS3000	SFS3500
Supply water pressure (min.-max.)	30-100 psi (207-689 kPa)	40 -100 psi (276-689 kPa)	50-100 psi (345-689 kPa)
Supply water temperature (min.-max.)	40-100°F (4 - 38°C)	40-100°F (4 - 38°C)	40-100°F (4 - 38°C)
Flow rate (max.) gpm	1.85 (7.0 LPM)	1.85 (7.0 LPM)	1.85 (7.0 LPM)
Maximum iron/manganese	0	0	0
Maximum hydrogen sulfide	0	0	0
Pre-filter (sediment/chlorine)	-	Melt Blown	-
Advanced sediment cartridge	-	FACT®	FACT®
Advanced lead cartridge	Carbon Block	Carbon Block	Carbon Block
Purifying cartridge	-	-	Purifying

# Contaminant Reduction

Contaminant	Required Influent Level (µg/L) <sup>2</sup>	NSF Max. Permissible Eff. Level (µg/L) <sup>2</sup>	Average Influent Level (µg/L) <sup>2</sup>	Avg. / Max. Effluent Level (µg/L) <sup>2</sup>	Avg. / Min. Percent Removal	EPA <sup>1</sup> MCL (µg/L) <sup>2</sup>
Lead @ pH 6.5	150 ± 10%	10	150	<0.5 / <0.5	>99.7 / >99.7	15
Lead @ pH 8.5	150 ± 10%	10	140	<0.5 / <0.5	>99.7 / >99.6	15
Mercury @ pH 6.5	6 ± 10%	2	5.7	<0.2 / <0.2	>96.5 / >96.5	2
Mercury @ pH 8.5	6 ± 10%	2	5.9	0.3 / 0.6	95.0 / 89.8	2
Benzene	15 ± 10%	5	15	<0.5 / <0.5	>96.7 / >96.7	5
Cyst	≥50,000 #/mL <sup>5</sup>	99.95% <sup>3</sup>	92,500 #/mL <sup>5</sup>	<1#/mL/1#/mL <sup>5</sup>	99.99 / 99.99	None <sup>4</sup>
<b>Substance</b>						
Chlorine Taste and Odor	2000 ± 10%	50% <sup>3</sup>	1,900	50 / 50	97.4 / 97.4	None <sup>4</sup>
Particulate, Class I (0.5 to < 1 micron) <sup>5</sup>	10,000 <sup>5</sup>	85% <sup>3</sup>	19,700,000 <sup>5</sup>	318,300 / 580,000 <sup>5</sup>	98.49 / 99.6	None <sup>4</sup>

<sup>1</sup> EPA MCL means Environmental Protection Agency Maximum Contaminant Level as required under the Safe Drinking Water Act.

<sup>2</sup> µg/L means Micrograms per Liter, which is equivalent to parts to billion (PPB).

<sup>3</sup> NSF minimum percent reduction requirement. Acceptance level for this substance is based on percent reduction rather than maximum effluent concentration.

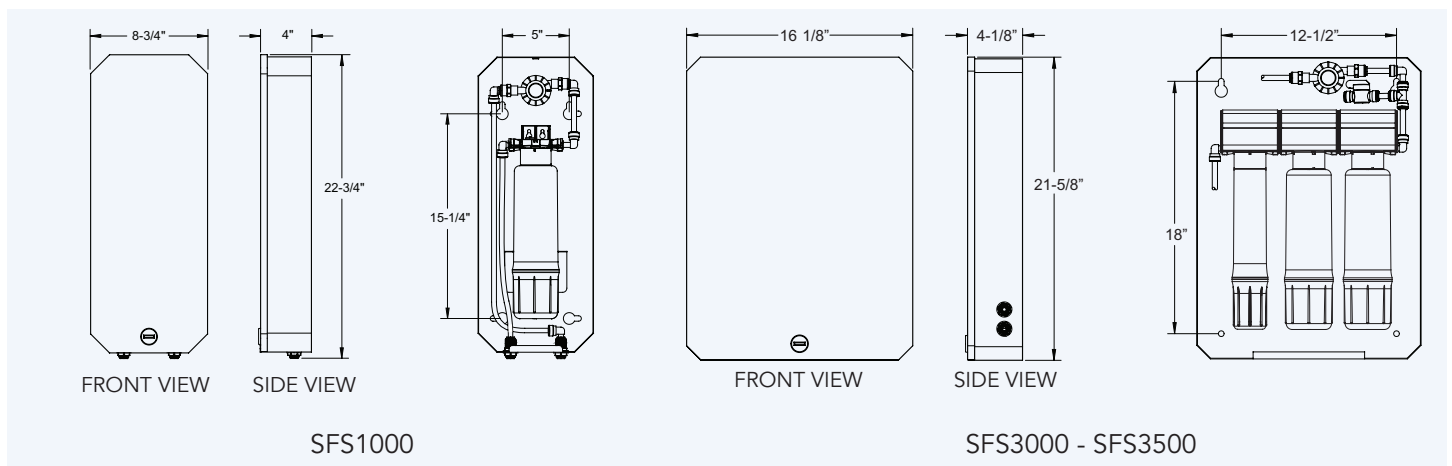
<sup>4</sup> The EPA has not determined an MCL for this chemical.

<sup>5</sup> Particulate Class I and cyst reported in particles per milliliter or mL.

This system has been tested according to NSF/ANSI 42/53 for reduction of the substances listed. 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 42/53.

Contact your EcoWater Pro for the list of organic chemicals reduced by this system.

# Dimensions



For speedy quotes or answers to questions, contact us at:

[eci@ecowater.com](mailto:eci@ecowater.com)

Specifications subject to change without notice. Orders are subject to acceptance by EcoWater Systems LLC.

