

State of California  
Department of Health Services

Water Treatment Device  
Certificate Number  
06 - 1792

Date Issued: July 28, 2006

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**Trademark/Model Designation**

Aquasana, AQ-4000

**Replacement Element(s)**

AQ-4025

**Manufacturer:** Sun Water Systems, Inc.

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The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

**Microbiological Contaminants and Turbidity**

Cysts

**Organic Contaminants**

MTBE

VOCs

Alachlor  
Atrazine  
Benzene  
Carbofuran  
Carbon Tetrachloride  
Chlorobenzene  
Chloropicrin  
2,4-D  
DBCP  
o-Dichlorobenzene  
p-Dichlorobenzene  
1,2-Dichloroethane  
1,1-Dichloroethylene  
cis-1,2-Dichloroethylene  
trans-1,2-Dichloroethylene  
1,2-Dichloropropane  
cis-1,3-Dichloropropylene  
Dinoseb

**Inorganic/Radiological Contaminants**

Lead

Endrin  
Ethylbenzene  
EDB  
Haloacetonitriles (HAN)  
Bromochloroacetonitrile  
Dibromoacetonitrile  
Dichloroacetonitrile  
Trichloroacetonitrile  
Haloketones (HK)  
1,1-Dichloro-2-Propanone  
1,1,1-Trichloro-2-Propanone  
Heptachlor  
Heptachlor Epoxide  
Hexachlorobutadiene  
Hexachlorocyclopentadiene  
Lindane  
Methoxychlor  
Pentachlorophenol

Simazine  
Styrene  
1,1,2,2-Tetrachloroethane  
Tetrachloroethylene  
Toluene  
2,4,5-TP (Silvex)  
Tribromoacetic Acid  
1,2,4-Trichlorobenzene  
1,1,1-Trichloroethane  
1,1,2-Trichloroethane  
Trichloroethylene  
Trihalomethanes (THMs)  
Bromodichloromethane  
Bromoform  
Chloroform  
Chlorodibromomethane  
Xylenes

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**Rated Service Capacity:** 500 gals

**Rated Service Flow:** 0.5 gpm

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**Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.**

# Aquasana™ AQ-4000 Water Filtration System

## Certified Performance Data Sheet Pg. 1

Testing Performed By Underwriters Laboratories Under NSF Standards 42 and 53 and certified by the California Department of Health Services Certificate #06-1792

Contaminant (or substance)	Influent / before filter (average level)	Effluent / after filter (average level)	Percent Reduction (at end of capacity)
Chlorine taste and odor	2.1 ppm	<0.01 ppm	>99%
Lead @ 6.5pH	150 ppb	<1 ppb	>98%
Lead @ 8.5pH	150 ppb	<1 ppb	>99%
Cryptosporidium (cyst)	88,000 part/mL	<3 part/mL	>99.99%
Giardia (cyst)	88,000 part/mL	<3 part/mL	>99.99%
Alachlor*	0.29 mg/L	<0.0005 mg/L	>98%
Atrazine*	0.29 mg/L	<0.0005 mg/L	>97%
Benzene*	0.29 mg/L	<0.0005 mg/L	>99%
Carbofuran*	0.29 mg/L	<0.0005 mg/L	>99%
Carbon Tetrachloride*	0.29 mg/L	<0.0005 mg/L	>98%
Chlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
Chloropicrin*	0.29 mg/L	<0.0005 mg/L	>99%
2,4-D*	0.29 mg/L	<0.0005 mg/L	>98%
Dibromochloropropane*	0.29 mg/L	<0.0005 mg/L	>99%
O-Dichlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
P-Dichlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
1,2-Dichloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
1,1-Dichloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
Cis-1,2-Dichloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
Trans-1,2-Dichloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
1,2-Dichloropropane*	0.29 mg/L	<0.0005 mg/L	>99%
Cis-1,3-Dichloropropane*	0.29 mg/L	<0.0005 mg/L	>99%
Dinoseb*	0.29 mg/L	<0.0005 mg/L	>99%
Endrin*	0.29 mg/L	<0.0005 mg/L	>99%
Ethylbenzene*	0.29 mg/L	<0.0005 mg/L	>99%
Ethylene Dibromide (EDB)*	0.29 mg/L	<0.0005 mg/L	>99%
Haloacetonitriles (HAN)*	0.29 mg/L	<0.0005 mg/L	>99%
Bromochloroacetonitrile*	0.29 mg/L	<0.0005 mg/L	>99%
Dibromoacetonitrile*	0.29 mg/L	<0.0005 mg/L	>99%
Dichloroacetonitrile*	0.29 mg/L	<0.0005 mg/L	>99%
Trichloroacetonitrile*	0.29 mg/L	<0.0005 mg/L	>99%
Heptachlor*	0.29 mg/L	<0.0005 mg/L	>99%
Heptachlor Epoxide*	0.29 mg/L	<0.0005 mg/L	>98%
Hexachlorobutadiene*	0.29 mg/L	<0.0005 mg/L	>98%
Hexachlorocyclopentadiene*	0.29 mg/L	<0.0005 mg/L	>99%

# Aquasana™ AQ-4000 Water Filtration System

## Certified Performance Data Sheet Pg. 2

Contaminant (or substance)	Influent / before filter (average level)	Effluent / after filter (average level)	Percent Reduction (at end of capacity)
Lindane*	0.29 mg/L	<0.0005 mg/L	>99%
Methoxychlor*	0.29 mg/L	<0.0005 mg/L	>99%
MTBE (Methyl-tert-butyl Ether)	0.016 mg/L	<0.001 mg/L	>93%
Pentachlorophenol*	0.29 mg/L	<0.0005 mg/L	>99%
Simazine*	0.29 mg/L	<0.0005 mg/L	>99%
Styrene*	0.29 mg/L	<0.0005 mg/L	>99%
1,1,2,2-Trtrachloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
Tetrachloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
Toluene*	0.29 mg/L	<0.0005 mg/L	>99%
2,4,5-TP (Silvex)*	0.29 mg/L	<0.0005 mg/L	>99%
1,2,4-Trichlorobenzene*	0.29 mg/L	<0.0005 mg/L	>99%
1,1,1-Trichloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
1,1,2-Trichloroethane*	0.29 mg/L	<0.0005 mg/L	>99%
Trichloroethylene*	0.29 mg/L	<0.0005 mg/L	>99%
Trihalomethanes (THMs)*	0.29 mg/L	<0.0005 mg/L	>99%
Bromodichloromethane*	0.29 mg/L	<0.0005 mg/L	>99%
Bromoform*	0.29 mg/L	<0.0005 mg/L	>99%
Chloroform*	0.29 mg/L	<0.0005 mg/L	>99%
Chlorodibromomethane*	0.29 mg/L	<0.0005 mg/L	>99%
Xylenes (total)*	0.29 mg/L	<0.0005 mg/L	>99%

### Product Specifications

Operating pressure range: 0-50 psi  
 Operating temperature range: 40-90 degrees F  
 Max. flow rate: 0.5 gpm  
 Rated capacity of filter cartridge: 500 gal.    Cost is \$59.99

\*V.O.C.s tested by chloroform surrogate as specified in NSF standard 53. Influent levels, effluent levels and reduction percentages are based on the actual reduction of the chloroform surrogate of >99.8% (at 200% capacity)

**\*Performance testing was done by Underwriters Laboratories using NSF standards 42 & 53.**

**\*California Department Of Health Certificate #06-1792**

The Aquasana Water Enhancement System was evaluated to a test capacity of 1000 gallons, 200% of the rated capacity of 500 gallons, to allow for a considerable safety margin. The filter cartridges should be replaced every 6 months to ensure peak performance. Replacement filter cost is \$59.99 (\$48 on auto-ship program)

**\*IMPORTANT: Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems claiming cyst reduction may be used on water containing cysts.**

Aquasana Water Filters by; Sun Water Systems, Inc., Haltom City, Texas 76117  
 877-FDA-PURE    www.aquasana.com