

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.**

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