


Performance Data for the Aquasana Drinking Water Filter models AQ-4000, AQ-4600 & AQ-4601


| Replacement | Operating pressure range | Rated capacity | Operatin g temp range | Rated flow |
|--|--------------------------|---|-----------------------|------------|
| AQ-4035 | 20-80 psi | 500 gallons | 40-90° F | 0.4 gpm |
|  | | Manufactured by Aquasana, Inc. 6310 Midway Road • Haltom City, Texas 76117 866-662-6885 www.aquasana.com | | |

Testing Performed under NSF/ANSI Standards 42 and 53 and in accordance with the California Department of Health Services Drinking Water Treatment Device Program. This system has been tested according to NSF/ANSI 42 & 53 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 & 53.

| NSF/ANSI 42 | Minimum reduction | Overall % Reduction | Results |
|-------------------------------------|-----------------------|---------------------|---------|
| Chlorine Reduction, Free Available | 50% | >97.4% | Pass |
| Particulate Reduction | 85% | >99.9% | Pass |
| NSF/ANSI 53 | Reduction requirement | Overall % Reduction | Results |
| Cyst Live Cryptosporidium & Giardia | 99.95% | >99.99% | Pass |
| Mercury Reduction pH 8.5 | <2 ug/L | >96.6% | Pass |
| Mercury Reduction pH 6.5 | <2 ug/L | >96.6% | Pass |
| Lead Reduction pH 6.5 | <10 ug/L | >99.3% | Pass |
| Lead Reduction pH 8.5 | <10 ug/L | >99.3% | Pass |
| MTBE Reduction | <5 ug/L | 81.8% | Pass |
| Turbidity | <0.5 NTU | 99.0% | Pass |
| VOC Surrogate Test | 95% | 99.4% | Pass |
| Asbestos Reduction | 99% | >99% | Pass |

We have also tested this system's ability to maintain healthy minerals (not as a part of any NSF/ANSI standard):

| Healthy Minerals | Results |
|------------------|---------------------------|
| Calcium | Tested to maintain levels |
| Potassium | Tested to maintain levels |
| Magnesium | Tested to maintain levels |



System tested and certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of the claims specified on the Performance Data Sheet and at www.nsf.org.

NSF Certification applies to Black and White units.
 Not all water will contain contaminants listed.

Testing was performed under standard laboratory conditions, actual performance may vary. Filter usage must comply with all state and local laws.

Filter is only to be used with cold water. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

See owner's manual for general installation conditions and needs as well as manufacturer's limited warranty.

Do not use with water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system.

| Organic chemicals included by surrogate testing | | | | |
|---|--|----------------------|--------------------|-------------------|
| VOCs (by surrogate testing using chloroform) | Drinking water regulatory level (MCL/MAC) mg/L | Influent/ Unfiltered | Effluent/ Filtered | Percent Reduction |
| alachlor | 0.002 | 0.050 | 0.001 | >98% |
| atrazine | 0.003 | 0.100 | 0.003 | >97% |
| benzene | 0.005 | 0.081 | 0.001 | >99% |
| carbofuran | 0.04 | 0.190 | 0.001 | >99% |
| carbon tetrachloride | 0.005 | 0.078 | 0.0018 | 98% |
| chlorobenzene | 0.1 | 0.077 | 0.001 | >99% |
| chloropicrin | — | 0.015 | 0.0002 | 99% |
| 2,4-D | 0.07 | 0.110 | 0.0017 | 98% |
| dibromochloropropane (DBCP) | 0.0002 | 0.052 | 0.00002 | >99% |
| o-dichlorobenzene | 0.6 | 0.080 | 0.001 | >99% |
| p-dichlorobenzene | 0.075 | 0.040 | 0.001 | >98% |
| 1,2-dichloroethane | 0.005 | 0.088 | 0.0048 | 95% |
| 1,1-dichloroethylene | 0.007 | 0.083 | 0.001 | >99% |
| cis-1,2-dichloroethylene | 0.07 | 0.170 | 0.0005 | >99% |
| trans-1,2-dichloroethylene | 0.1 | 0.086 | 0.001 | >99% |
| 1,2-dichloropropane | 0.005 | 0.080 | 0.001 | >99% |
| cis-1,3-dichloropropylene | — | 0.079 | 0.001 | >99% |
| dinoseb | 0.007 | 0.170 | 0.0002 | 99% |
| endrin | 0.002 | 0.053 | 0.00059 | 99% |
| ethylbenzene | 0.7 | 0.088 | 0.001 | >99% |
| ethylene dibromide (EDB) | 0.00005 | 0.044 | 0.00002 | >99% |
| haloacetonitriles (HAN) | | | | |
| Bromochloroacetonitrile | — | 0.022 | 0.0005 | 98% |
| Dibromoacetonitrile | — | 0.024 | 0.0002 | 98% |
| Dichloroacetonitrile | — | 0.0096 | 0.0006 | 98% |
| Trichloroacetonitrile | — | 0.015 | 0.0003 | 98% |
| haloketones (HK) | | | | |
| 1,1-dichloro-2-propanone | — | 0.072 | 0.001 | 99% |
| 1,1,1-trichloro-2-propanone | — | 0.0082 | 0.0003 | 96% |
| heptachlor (H-34, Heptox) | 0.0004 | 0.025 | 0.00001 | >99% |
| heptachlor epoxide | 0.0002 | 0.0107 | 0.0002 | 98% |
| hexachlorobutadiene | — | 0.044 | 0.001 | >98% |
| hexachlorocyclopentadiene | 0.05 | 0.060 | 0.000002 | >99% |
| lindane | 0.0002 | 0.055 | 0.00001 | >99% |
| methoxychlor | 0.04 | 0.050 | 0.0001 | >99% |
| pentachlorophenol | 0.001 | 0.096 | 0.001 | >99% |
| simazine | 0.004 | 0.120 | 0.004 | >97% |
| styrene | 0.1 | 0.150 | 0.0005 | >99% |
| 1,1,2,2-tetrachloroethane | — | 0.081 | 0.001 | >99% |
| tetrachloroethylene | 0.005 | 0.081 | 0.001 | >99% |
| toluene | 1 | 0.078 | 0.001 | >99% |
| 2,4,5-TP (silvex) | 0.05 | 0.270 | 0.0016 | 99% |
| tribromoacetic acid | — | 0.042 | 0.001 | >98% |
| 1,2,4-trichlorobenzene | 0.07 | 0.160 | 0.0005 | >99% |
| 1,1,1-trichloroethane | 0.2 | 0.084 | 0.0046 | 95% |
| 1,1,2-trichloroethane | 0.005 | 0.150 | 0.0005 | >99% |
| trichloroethylene | 0.005 | 0.180 | 0.0010 | >99% |
| Trihalomethanes (THMs) | | Influent/ Unfiltered | Effluent/ Filtered | Percent Reduction |
| Bromodichloromethane (THM) | 0.080 | 0.300 | 0.015 | 95% |
| Bromoform (THM) | | | | |
| Chloroform (THM) | | | | |
| Chlorodibromomethane (THM) | | | | |
| Xylenes (total) | 10 | 0.070 | 0.001 | >99% |