



pureNclean™

 water treatment

Performance Data Sheet

Even at these extreme levels of contamination, 10 to 50 times legal limits, PureNclean™ provides chemical free water.

The PureNclean™ Aq-4000 Aquasana pure water system. Certified Performance Data Sheet Pg. 1

Testing Performed under NSF Standards 42 and 53 and certified by the California Department of Health Services Drinking Water Treatment Device Program.

Contaminant (Or substance)	Influent/ before filter (average level)	Effluent/ after Filter (average level)	Percent Reduction (at end of capacity)
Chlorine	2.1 ppm	<0.01 ppm	>99%
Lead @6.5pH	180 ppb	<1 ppb	>99%
Lead @8.5pH	170 ppb	<1ppb	>99%
Cryptosporidium (cyst)	88,000 part./mL	<3 part./mL	>99.99%
Giardia (cyst)	88,000 part./mL	<3 part./mL	>99.99%
Turbidity (particles 3-4 microns)	88,000 part./mL	<3 part./mL	>99.99%
Particulate (particles .5-1 microns)	90,000 part./mL	<50 part./mL	>99.9%
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%
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%
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%
Lindane*	0.29 mg/L	<0.0005 mg/L	>99%
Methoxychlor*	0.29 mg/L	<0.0005 mg/L	>99%

PureNclean™ AQ-4000 Countertop Water Enhancement System

Performance Data Sheet Pg. 2

Contaminant (Or substance)	Influent/ before filter (average level)	Effluent/ after Filter (average level)	Percent Reduction (at end of capacity)
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-Tetrachloroethane*	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%
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..... 20-50 psi
 Max. operating temperature..... 90 degrees F
 Max. flow rate.....0.5 gpm
 Rated capacity of filter cartridge.....,500 gal. (appx. 6 mth)

* 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% of capacity).
All V.O.C. testing was performed using chlorinated tap water with a TDS (total dissolved solids) level of 300 ppm and a turbidity content of .14 NTU instead of de-ionized water in order to demonstrate the filters ability to reduce contaminants under real life conditions. Most water treatment device evaluations are performed using de-ionized water which is a considerably less challenging test method.

The PureNclean AQ-4000 Aquasana Water Enhancement System was evaluated to a test capacity of 1000 gallons, which is 200% of the rated capacity of 500 gallons, to allow for a considerable safety margin. The filter cartridge should be replaced every 6 months to ensure peak performance. Please remember that the results shown in this test are at end of 1000 gallon cycle.

No other home water filtration system, at any price, has ever performed better than the AQ-4000 Aquasana filter system from PureNclean™

**For additional information, visit our web site at:
www.pureNclean.com or call (323) 258-5858**