



Performance Data for the AquaSana Under Counter Water Filter					
Model	Replacement	Operating pressure range	Rated capacity	Operating temp range	Rated flow
AQ-5100	AQ-5100R	20-80 psi 140-5524 kg/cm <sup>2</sup>	200 gallons 757 liters	40-90° F 4.44-32.2° C	0.5 gpm 1.9 lpm
Manufactured by: AquaSana, Inc. 6310 Midway Road · Haltom City, Texas 76117 · 866.662.6885					

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, 401 & P473 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, 401 & P473.

NSF/ANSI 42	Minimum reduction	Overall % reduction	Results
Chlorine Reduction, Free Available	<0.5 mg/l	96.06%	Pass
Chloramine Reduction, Free Available	<0.5 mg/l	96.06%	Pass
Particulate Reduction	85%	99.9%	Pass

  

NSF/ANSI 53	Required reduction	Overall % reduction	Results
Cyst Live Cryptosporidium & Giardia	99.95%	>99.95%	Pass
Mercury Reduction pH 8.5	<2 ug/L	>96.7%	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	>99.4%	Pass
MTBE Reduction	<5 ug/L	91.2%	Pass
Turbidity	<0.5 NTU	99.1%	Pass
VOC Surrogate Test	95%	95%	Pass
Asbestos Reduction	99%	>99%	Pass

NSF/ANSI 401	Maximum Concentration	Minimum Reduction	Overall % Reduction	Results
Atenolol	30 ng/L	94.2%	94.2%	Pass
Bisphenol A	300 ng/L	98.80%	98.9%	Pass
Carbamazepine	200 ng/L	98.6%	98.6%	Pass
DEET	200 ng/L	98.7%	98.7%	Pass
Estrone	20 ng/L	96.30%	96.5%	Pass
Ibuprofen	60 ng/L	95.3%	95.4%	Pass
Linuron	20 ng/L	96.6%	96.6%	Pass
Meprobamate	60 ng/L	94.7%	94.7%	Pass
Metolachlor	200 ng/L	98.6%	98.6%	Pass
Naproxen	20 ng/L	96.3%	96.4%	Pass
Nonyl phenol	200 ng/L	97.50%	97.5%	Pass
Phenytoin	30 ng/L	95.50%	95.6%	Pass
TCEP	700 ng/L	98%	98%	Pass
TCPP	700 ng/L	97.8%	97.8%	Pass
Trimethoprim	20 ng/L	96.7%	96.7%	Pass

NSF P473	Influent challenge concentration	Maximum permissible product water concentration	Overall % reduction	Results
Perfluorooctanoic acid (PFOA) & Perfluorooctane sulfonate (PFOS)	1.5 ±10% ug/L	0.07 ug/L	96%	Pass

- Filter is only to be used with cold water.
  - Filter usage must comply with all state and local laws.
  - Testing was performed under standard laboratory conditions, actual performance may vary.
  - 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 plus manufacturer's limited warranty.
- All contaminants reduced by this filter are listed.
  - Not all contaminants listed may be present in your water.
  - Filter does not remove all contaminants that may be present in tap water.

System tested and certified by NSF International against NSF/ANSI Standard 42, 53 & 401 and conforms to NSF protocol P473 for reduction of claims specified on the Performance Data Sheet and at [www.nsf.org](http://www.nsf.org).

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	0.0006	98%	
Dichloroacetonitrile	—	0.0096	0.0002	98%	
Trichloroacetonitrile	—	0.015	0.0003	98%	
haloketones (HK)					
1,1-dichloro-2-propanone	—	0.0072	0.0001	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)					
Bromodichloromethane (THM)		Influent/Unfiltered	Effluent/Filtered	Percent Reduction	
Bromoform (THM)					
Chloroform (THM)	0.080	0.300	0.015	95%	
Chlorodibromomethane (THM)					
Xylenes (total)	10	0.070	0.001	>99%	

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



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  - Not all contaminants listed may be present in your water.
  - Filter does not remove all contaminants that may be present in tap water.
  - For conditions of use, health claims certified by the California Department of Public Health, and replacement parts see product data sheet.
  - California Department of Public Health Certification Number

13-2172

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