Aquasana AQ-4000 Installation Instructions

1 Unpack Contents.

Package contains:

1 Filter housing assembly with snap on outer cover, 2 threaded cartridge caps (A&B) and 2 filter cartridges (A&B), assembled.

1 Faucet diverter hose assembly.

2 Brass faucet adapters, rubber washers and install tool.

1 Instructions & warranty.

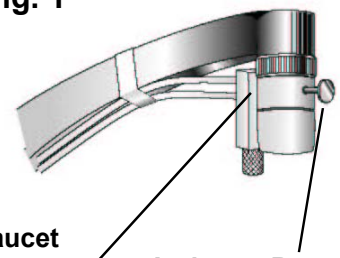
2 Unscrew existing

aerator from your faucet and remove the old rubber washer if it is still attached to the faucet.

3 Attach the supplied

faucet diverter valve on the faucet as shown in **figure 1.** If one of the supplied adapters is required, install the adapter to the faucet first with the supplied washer and then attach the chrome diverter valve to the adapter. The adapter can be tightened using the supplied white plastic hex tool.
Make sure the rubber washer is in place inside the chrome swivel collar of the diverter valve. The provided adapters fit 95% of all faucets. If the provided adapter does not fit, you can obtain additional sizes from your local hardware or plumbing supply store. (Take the aerator and diverter hose for a correct match)

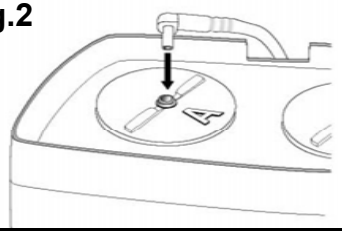
Fig. 1



4 Remove the filter

system from the package and lay it down so that the face of the unit is facing down, the "A" cartridge cap is on the left and the "B" cap is on the right.
Install the inlet hose to the inlet connector on cap "A" by pushing the plastic hose end elbow fitting firmly into the inlet hole as shown in **figure 2.** (To determine which hose is the inlet hose, hold the hose ends so they are pointing into the sink, turn on the water supply and pull the activator button shown in **figure 1.**
The hose end that water comes out of is the inlet hose and should connect to the inlet fitting on cap "A". Connect the outlet hose to cap "B" in the same fashion.
If you need to disconnect either hose after they have been inserted into the inlet/outlet connections, use the supplied white plastic release tool to depress the gray lock/release collet while pulling out on the hose end elbow.

Fig.2



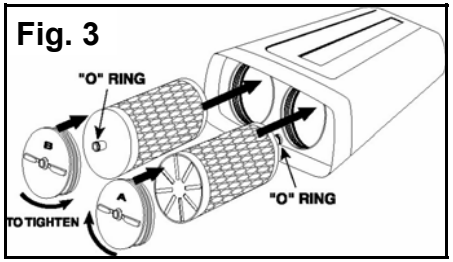
5 Stand the filter

unit up side down, so that the "A" & "B" caps are facing up and the twin tubing is running through the hose outlet gate on the back side of the filter base.

If the "A" & "B" caps or the filter cartridges are removed for any reason, make sure they are re-installed in the correct direction to insure proper operation and that the orings are in place to prevent leaking. **See Fig. 3**

Turn the water on and pull the diverter activator button as shown in **Figure 1.** This will begin the water flow to the filter system. With the filter still in the up-side-down position, check to make sure there are no leaks.
If there is leaking around the outer edge of either the "A" or "B" cartridge cap, you will need to remove the cap by turning in the direction of the arrow & checking the o-ring for proper placement.

Fig. 3



6 Flush and activate

the filter with the unit still in the up-side-down position on the counter. Turn the cold water supply on and pull the round activator button on the diverter valve so that water is diverted to the filter. **The initial flow of water will be slightly discolored and cloudy due to carbon fines and air bubbles.** Allow the water to flow through the filter in this position until the water runs clear, this will usually take 2-3 min. Then turn the filter right-side-up and let the water run for 2-3 min. Once the water appears clear and free from air bubbles…

Drink and enjoy!

Product Specifications:

This product is intended for use on municipally treated cold water only and should not be used on water of unsafe or unknown microbiological quality.

Max. operating pressure:
50 psi (pounds per sq. in.)
Max. opperating temp:
90 degrees F.
Max. flow rate:
0.5 gallons per minute.
Capacity of filter cartridge:
500 gallons / 6 months.

7 Warranty registration

It is very important to complete and return the enclosed warranty registration form. By completing this form and returning it , you activate the 100 day replacement warranty, which covers defects in materials and workmanship.

The enclosed warranty registration card also explains our award winning "Water 4 Life" program and Life Time product warranty. This program offers great benefits and savings. We strongly recommend that you review and consider this program.

Thank You!

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Fort Worth, Texas 76111
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Fax. 817-536-5286
Email; Info@Aquasana.com

Made in the U.S.A.

Performance data sheet

S u n W a t e r S y s t e m s , I n c .

aquasana countertop water enhancement system
Item #AQ-4000
Contaminant Reduction Testing Performed By
Spectrum Labs,
St. Paul, Minnesota
Under NSF Standards 42 and 53.

The aquasana water enhancement system has been validated for the reduction of the following contaminants under the stated conditions.

Operating Pressure Range 20-50psi — Max. Flow Rate 0.5 gallons per minute
Max. Operating Temp. 90°F — Filter Cartridge Capacity 500 gallons (approximately 6 months)

Contaminant (or substance)	Influent/Unfiltered (average level)	Effluent/Filtered (average level)	Percent Reduction (at end of capacity)
Chlorine	2.1ppm	<0.01ppm	>99%
Lead @6.5pH	180 ppb	<1 ppb	>99%
Lead @8.5pH	170 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%
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	<0.0006 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%

Performance data sheet

Contaminant (or substance)	Influent/Unfiltered (average level)	Effluent/Filtered (average level)	Percent Reduction (at end of capacity)
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%
Hexachlorobutadeine*	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%
MTBE	0.016 mg/L	<0.001 mg/L	>93%
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%

The aquasana AQ-4000 unit has been granted certification by The California Department of Health Services. See enclosed certificate.

Suggested Retail Price for Replacement Filter Cartridges (2):

US Item # 4025 $56.25

Note: Pricing is subject to change. Sun Water Systems, Inc. for current replacement cartridge prices. 817-536-5250

*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%.

All V.O.C. testing was performed using chlorinated tap water with a TDS (totally 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.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. This product may be used on water systems that contain filterable cysts.

State of California
Department of Health Services

Water Treatment Device Certificate Number 99 - 1407

Date Issued: December 14, 1999
Date Revised: May 20, 2002

Trademark/Model Designation	Replacement Element(s)
Aquasana 4000 Countertop	4025
Aquasana 4000 Undercounter	4025

Manufacturer: Sun Water Systems, Inc.

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 (protozoan)
- Turbidity

Inorganic/Radiological Contaminants
- Lead

Organic Contaminants
- MTBE
- VOCs
  - Alachlor
  - Atrazine
  - Benzene
  - Bromochloroacetonitrile[2]
  - Bromodichloromethane[1]
  - Bromoform[1]
  - Carbon Tetrachloride
  - Chlorobenzene
  - Chloroform[1]
  - Chlorodibromomethane[1]
  - Chloropicrin
  - 2,4-D
  - Dibromoacetonitrile[2]
  - DBCP
  - Dichloroacetonitrile[2]
  - o-Dichlorobenzene
  - p-Dichlorobenzene
  - 1,2-Dichloroethane
  - 1,1-Dichloroethylene
  - cis-1,2-Dichloroethylene
  - trans-1,2-Dichloroethylene
  - 1,1-Dichloro-2-Propanone[3]
  - 1,2-Dichloropropane
  - cis-1,3-Dichloropropylene
  - Dinoseb
  - Endrin
  - Ethylbenzene
  - EDB
  - [2]Haloacetonitriles (HAN)
  - [3]Haloketones (HK)
  - Heptachlor
  - Heptachlor Epoxide
  - Hexachlorobutadiene
  - Hexachlorocyclopentadiene
  - Lindane
  - Methoxychlor
  - Pentachlorophenol
  - Simazine
  - Styrene
  - 1,1,2,2-Tetrachloroethane
  - Tetrachloroethylene
  - Toluene
  - 2,4,5-TP (Silvex)
  - Tribromoacetic Acid
  - Trichloroacetonitrile[2]
  - 1,2,4-Trichlorobenzene
  - 1,1,1-Trichloroethane
  - 1,1,2-Trichloroethane
  - Trichloroethylene
  - 1,1,1-Trichloro-2-Propanone[3]
  - [1]Trihalomethanes
  - m-Xylene
  - p-Xylene

Rated Service Capacity: 500 gallons

Rated Service Flow: 0.5 gpm

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.