

## Performance Data:

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

Contaminant (or substance)	Influent/Unfiltered (average level)	Effluent/Filtered (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%
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%

Operating pressure range: 20-50 psi

Rated capacity of filter cartridge: 500 gal. (appx. 6 mth)

Max. operating temp: 90° F

Max. flow rate: 0.5 gpm

\* 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 AQ4000 Water Filtration 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 cartridge should be replaced every 6 months to ensure peak performance. The information shown in this table is the performance level achieved at the end of the 1000 gallon test capacity. No other system has ever performed to a higher level.



Premium Under Counter Water Filter

## Installation Instructions

### AQ-4501 Premium Under Counter Water Filter

#### PLEASE NOTE:

For the first 72 hours of USE this faucet will have a drip time of 20-30 seconds after shut-off. This is normal and after the cartridges are fully saturated (72 hours of use) this will be reduced to a 3-5 second drip time.

#### IMPORTANT:

The aquasana AQ-4501 can only be used with the faucet supplied in this kit. Any other faucet may cause damage to the filter system and/or leakage.

**This unit can NOT be used in constant pressure applications, such as ice-makers or fountains.**

#### PRECAUTIONS:

- Read all instructions carefully
- No constant hydrostatic pressure line to filter allowed
- For technical assistance support call: 1-866-662-6885

1. Unpack the contents of the Under-Sink adapter kit and determine the appropriate location for the faucet to be mounted. The faucet may be mounted using an existing hole for a sprayer nozzle or other accessory, or by drilling a 7/8" hole in the sink or counter-top. We do not recommend drilling granite or porcelain sinks unless done by a professional. Be sure the location of the faucet allows the spout to extend slightly past the edge of the sink. **All of our faucets have a 4" overhang.**

**CONTENTS LIST:**

- Open Relief Faucet
- Mounting Bracket
- Screws and Anchors
- 3/8 x 1/4" Brass Tee

2. Mount the faucet as shown in Figure A.
3. Mount the filter unit using the white plastic mounting bracket and screws in the picture below. Make sure that the location of the filter unit allows the tubing from the faucet to connect to the base of the filter without kinking or side pressure; if the hose is not able to plug straight into the inlet without side pressure, it may drip.



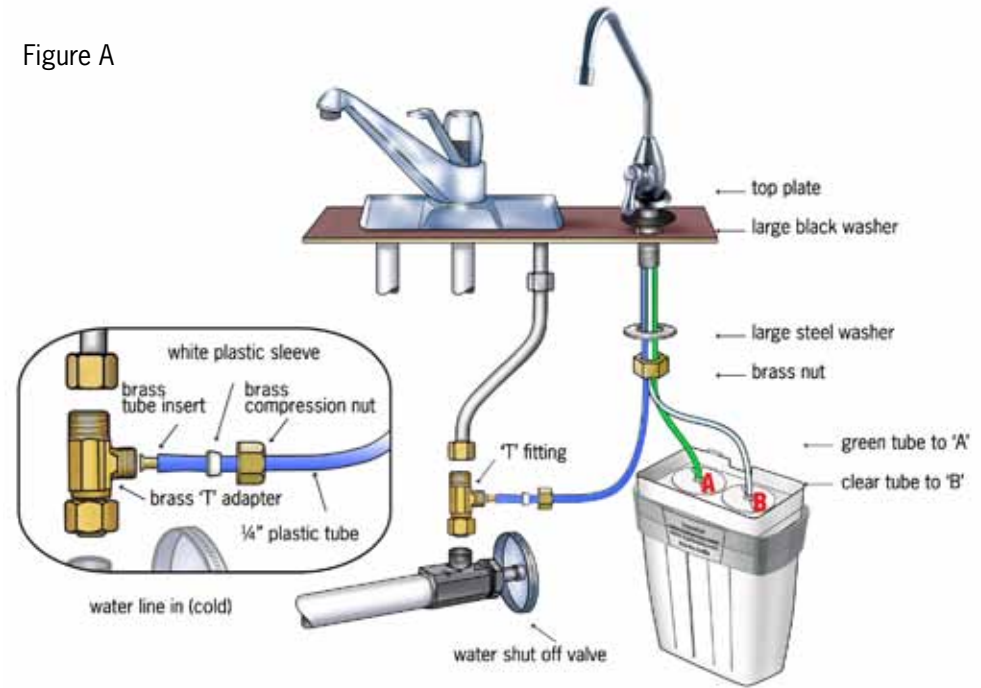
4. Turn off your cold water supply valve and attach the "T" fitting to the cold water supply line as shown in Figure A.

If your cold water supply line is not a standard line, and does not allow use of the supplied "T" fitting, you will need to purchase a "T" adapter or saddle valve from your local hardware or plumbing supply store. It will need to have a 1/4" compression outlet from the "T" as that is the size of the supplied line.

5. Once the filter and faucet are mounted and the "T" fitting is attached to the cold water supply line proceed with the following steps:

- A. Connect the hoses as show in Figure A.
- B. Turn the cold water supply line on; this will open the supply to the faucet.
- C. Check for leaks. If leaks are present, turn off the supply valve and check all connections.
- D. Turn handle clockwise and allow the water to run until all cloudiness and air bubbles are gone.
- E. Drink and enjoy the healthiest water on earth!

Figure A



## Water for Life.

Clean Water Made Easy.

Members of our Water for Life Program receive:

- Fresh cartridges delivered every 6 months
- A 20% discount and FREE shipping
- Exclusive member benefits and rewards
- A LIFETIME product warranty



For more information, call one of our Water for Life specialists.

**866-237-4658**