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

Asbestos Reduction 99% >99% Pass
VOC Surrogate Test 95% 99.4% Pass
Turbidity <0.5 NTU 99.1% Pass
MTBE Reduction <5 ug/L 86.6% Pass
Lead Reduction pH 8.5 <10 ug/L >99.3% Pass
Lead Reduction pH 6.5 <10 ug/L >99.4% Pass
Mercury Reduction pH 6.5 <2 ug/L >96.5% Pass
Mercury Reduction pH 8.5 <2 ug/L >99.3% Pass
Chloramine Reduction, Free Available <0.5 mg/l 97.66% Pass
Perfluorooctane sulfonate (PFOS) 1.5 ±10% ug/L 0.07 ug/L 96% Pass
Perfluorooctanoic acid (PFOA) & Cyst Live Cryptosporidium & Giardia 99.95% >99.99% Pass
NSF/ANSI 53 Required
NSF/ANSI 42 Minimum
NSF/ANSI 58 Maximum Concentration
NSF/ANSI 401 Maximum Concentration
NSF/ANSI P473

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

The AQ-RO3 has been tested and certified by NSF International against NSF/ANSI Standards 42, 53 and 401 in model AQ-RO-3 for the reduction claims specified on the Performance Data Sheet as verified and substantiated by test data and at nsf.org.

The AQ-RO-3 has been tested and certified by NSF International against NSF/ANSI Standard 58 for the reduction claims specified on the Performance Data Sheet as verified and substantiated by test data and at nsf.org.
This system has been tested for the treatment of water containing pentavalent arsenic (also known as As(V), As(+5), or arsenate) at concentrations of 0.30 mg/L or less. This system reduces pentavalent arsenic, but may not remove other forms of arsenic. This system is to be used on water supplies containing a detectable free chlorine residual at the system inlet or on water supplies that have been demonstrated to contain only pentavalent arsenic. Treatment with chloramine (combined chlorine) is not sufficient to ensure complete conversion of trivalent arsenic to pentavalent arsenic. Please see the Arsenic Facts section of this Performance Data Sheet for further information.

### Arsenic Facts

Arsenic (abbreviated As) is found naturally in some well water. Arsenic in water has no color, taste, or odor. It must be measured by a laboratory test. Public water utilities must have their water tested for arsenic. You can get the results from your water utility. If you have your own well, you can have the water tested. The local health department or the state environmental health agency can provide a list of certified labs. The cost is typically $15 to $30. Information about arsenic in water can be found on the Internet at the U.S. Environmental Protection Agency website: [epa.gov/safewater/arsenic.html](http://epa.gov/safewater/arsenic.html). There are two forms of arsenic: **pentavalent arsenic** As(V), As(+5), and arsenate) and **trivalent arsenic** (also called As(III), As(+3), and arsenite). In well water, arsenic may be pentavalent, trivalent, or a combination of both. Special sampling procedures are needed for a lab to determine what type and how much of each type of arsenic is in the water. Check with the labs in your area to see if they can provide this type of service. Reverse osmosis (RO) water treatment systems do not remove trivalent arsenic from water very well. RO systems are very effective at removing pentavalent arsenic. A free chlorine residual will rapidly convert trivalent arsenic to pentavalent arsenic. Other water treatment chemicals such as ozone and potassium permanganate will also change trivalent arsenic to pentavalent arsenic. A combined chlorine residual (also called chloramine) may not convert all the trivalent arsenic. If you get your water from a public water utility, contact the utility to find out if free chlorine or combined chlorine is used in the water system. The AQ-RO-3 system is designed to remove pentavalent arsenic. It will not convert trivalent arsenic to pentavalent arsenic. The system was tested in a lab. Under testing conditions, the system reduced [0.30 mg/L (ppm) or 0.050 mg/L (ppm)] pentavalent arsenic to 0.010 mg/L (ppm) (the USEPA standard for drinking water) or less. The performance of the system may be different at your installation. Have the treated water tested for arsenic to check whether the system is working properly. The RO component of the AQ-RO-3 system must be replaced every 1-3 years to ensure that the system will continue to remove pentavalent arsenic. The component identification and locations where you can purchase the component are listed in the installation/operation manual.

- **Efficiency rating** means the percentage of the influent water to the system that is available to the user as reverse osmosis treated water under operating conditions that approximate typical daily usage.

- **Recovery rating** means the percentage of the influent water to the membrane portion of the system that is available to the user as reverse osmosis treated water when the system is operated without a storage tank or when the storage tank is bypassed.

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.