AOW-3000

| Performance Data for the Drinking Water System AO-US-RO-4000 | | | | | | |
|--|----------------------------------|---------------------------|--------------------------|--------------------|----------------------|------------------------------|
| Models | Replacement | Operating pressure range | Operating temp. range | Recovery rating | Efficiency rating | Daily Production (DPR) |
| AO-US- RO-4000 | AO-4000-CARBON and AO-RO-RM-R | 40-100 psi 275-689 kPa | 40-90° F 4.44-32.2° C | 29.43% | 17.91% | 13.32 gallons 50.4 liters |
| Manufactured by: A.O. Smith Corporation 11270 West Park Place Milwaukee, WI 53224 877.333.7108 | | | | | | |

Testing Performed under NSF/ANSI Standards 42, 53, 58, 401 & P473 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, 58, 401 & P473.

| NSF/ANSI 42 | Minimum Reduction | Overall % Reduction | Results |
|--------------------------------------|-------------------|---------------------|---------|
| Chlorine Reduction, Free Available | <0.5 mg/l | 97.66% | Pass |
| Chloramine Reduction, Free Available | <0.5 mg/l | 97.66% | Pass |
| Particulate Reduction | 85% | 99.9% | Pass |
| NSF/ANSI 53 | Minimum Reduction | Overall % Reduction | Results |
| Cyst Live Cryptosporidium & Giardia | 99.95% | >99.99% | Pass |
| Mercury Reduction pH 8.5 | <2 ug/L | >95.8% | Pass |
| Mercury Reduction pH 6.5 | <2 ug/L | >96.5% | Pass |
| Lead Reduction pH 6.5 | <10 ug/L | >99.4% | Pass |
| Lead Reduction pH 8.5 | <10 ug/L | >99.3% | Pass |
| MTBE Reduction | <5 ug/L | 86.6% | Pass |
| Turbidity | <0.5 NTU | 99.1% | Pass |
| VOC Surrogate Test | 95% | 99.4% | Pass |
| Asbestos | 99% | >99% | Pass |

| NSF/ANSI 58 | Maximum Concentration | Minimum Reduction | Overall % Reduction | Results |
|---------------------|-----------------------|-------------------|---------------------|---------|
| Arsenic Pentavalent | 0.30mg/L ± 10% | 80.0% | 97.6% | Pass |
| Barium | 10.0mg/L ± 10% | 80.0% | 95.2% | Pass |
| Cadmium | 0.30mg/L ± 10% | 83.3% | 95.3% | Pass |
| Chromium Hexavalent | 0.30mg/L ± 10% | 66.7% | 97.0% | Pass |
| Chromium Trivalent | 0.30mg/L ± 10% | 66.7% | 96.6% | Pass |
| Copper | 0.30mg/L ± 10% | 56.7% | 96.6% | Pass |
| Fluoride | 8.0mg/L ± 10% | 81.2% | 95.7% | Pass |
| Lead | .15mg/L ± 10% | 93.3% | 96.6% | Pass |
| Nitrate/Nitrite | 30.0mg/L ± 10% | 66.7% | 82.4% | Pass |
| Radium 226/228 | 25pCi/L ± 10% | 80.0% | 80.0% | Pass |
| Selenium | 0.10mg/L ± 10% | 50.0% | 97.9% | Pass |
| TDS | 750mg/L ± 10% | 75.0% | 95.0% | Pass |
| Turbidity | 11 ± NTU | 95.4% | 99.1% | 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 | | Maximum permissible concentration | Overall % reduction | Results |
|---|---------------|-----------------------------------|---------------------|---------|
| Perfluorooctanoic acid (PFOA) & Perfluorooctane sulfonate (PFOS) | 1.5 ±10% ug/L | 0.07 ug/L | 96% | Pass |



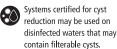
Filter is only to be used with cold water.



Filter usage must comply with all state and local laws.

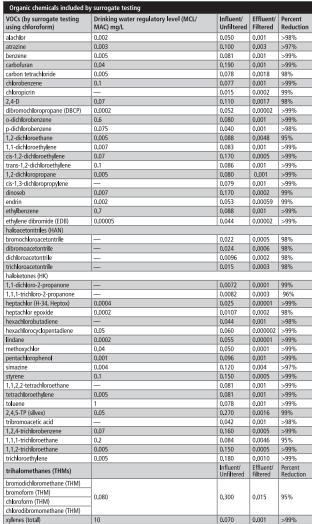


Testing was performed under standard laboratory conditions, actual performance may vary.





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. Does not remove all contaminants that may be present in tap water.



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