

# AOW-100

Performance Data Sheet for the A. O. Smith Main Faucet Water Filter					
Models	Replacement	Operating pressure range	Rated capacity	Operating temp. range	Rated flow
AOW-100	AOW-100-R	10-125 psi 68.95-861.8 kPa	4750 gallons 17,980 liters	35-100 F 1.66-37.78 C	1.5 gpm 5.67 lpm v
Manufactured by: A. O. Smith Corporation P.O. Box 1597   Johnson Creek, TN 37605-1597   833.232.9711					

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 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.

Substance	Average Influent	NSF/ANSI Influent Challenge Concentration	Percent Reduction Requirement/ Maximum Permissible Product Water Concentration	Average % Reduction	Average Product Water Concentration
<b>NSF/ANSI 42 – Aesthetic Effects</b>					
Chlorine	2.01 mg/L	2.0 mg/L ± 10%	≥ 50%	>94.8%	0.103 mg/L
Particulate, Class I particles 0.5 to < 1 µm	3,666,667 particles/mL	At least 10,000 particles/mL	≥ 85%	99.2%	28,017 particles/mL
<b>NSF/ANSI 53 – Health Effects</b>					
Cyst	71,500/L	Minimum 50,000/L	> 99.95%	99.99%	4.88/L
Lead pH 6.5	0.151 mg/L	0.15 mg/L ± 10% mg/L	0.010 mg/L	>99.7%	0.005 mg/L
Lead pH 8.5	0.16 mg/L	0.15 mg/L ± 10% mg/L	0.010 mg/L	>99.2%	0.0011 mg/L

Not all water will contain contaminants listed. Testing performed under standard laboratory conditions; actual performance may vary. Filter usage must comply with all state and local laws. Filter is only to be used with cold water. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. See installation guide for general installation conditions and needs as well as manufacturer's limited warranty.



Tested and Certified by IAPMO R&T Lab and IAPMO R&T against NSF/ANSI 42 for the reduction of Chlorine, Taste and Odor and Particulate Class I; NSF/ANSI 53 for the reduction of Cyst and Lead; and NSF/ANSI 372 for low lead compliance as verified and substantiated by test data.

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.



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.



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.