

Performance Data Sheet for the A. O. Smith Direct Connect Filter

Models	Replacement	Rated capacity	Operating temp. range	Rated flow	Operating Pressure range
AO-MF	AO-MF-R	1,389 gallons 5,258 liters	40-90° F 4.44-32.2° C	1.4 gpm 5.3 lpm	10 to 125 psi 68.9-861 kPa
Manufactured by: A. O. Smith Corporation   11270 W Park Pl #170, Milwaukee, WI 53224   877.333.7108					



This system has been tested according to NSF/ANSI Standards 42, 53, and 401 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 Standards 42, 53, and 401.

NSF/ANSI 42	Minimum Reduction	Overall % Reduction	Results
Chlorine Reduction, Free Available	97.5%	97.5%	Pass
Particulate Reduction I	97.3%	99.4%	Pass

NSF/ANSI 53	Minimum Reduction	Overall % Reduction	Results
Atrazine	89.1%	93.7%	Pass
Cyst Live Cryptosporidium & Giardia	>99.99%	>99.99%	Pass
Lead Reduction pH 6.5	5 ug/L	>99.3%	Pass
Lead Reduction pH 8.5	5 ug/L	>99.3%	Pass
Lindane	97.4%	98.8%	Pass
Turbidity	0.5 NTU	98.7%	Pass

NSF/ANSI 401	Maximum Concentration	Minimum Reduction	Overall % Reduction	Results
Microplastics (particles 0.5 to <1 µm)	At least 10,000 particles/mL	97.3%	99.4%	Pass



System and certified by IAPMO R&T against NSF/ANSI Standards 42, 53, and 401 for the reduction of the claims specified on the Performance Data Sheet and at [www.IAPMO.org](http://www.IAPMO.org).

- 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.
- The contaminants covered in NSF/ANSI 401 have been deemed as incidental/emerging compounds and have been detected in drinking water supplies at trace levels. These compounds can affect some consumers' perception of drinking water quality.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



Filter is only to be used with cold water.



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.

[Click here to view the system's warranty.](#)