



HomeShield Water Filter

Performance Data Sheet

Model No: AOS-HS-1200
Replacement Model No: AOS-HS-1200-R
Media Required: 2.5 cu. ft. Patent-pending Media Blend
Operating Pressure Range: 25-100 psi (172-689 kPa)
Operating Temperature Range: 40-100° F (4-38° C)
Rated Service Flow: 5.7 gpm (21.6 lpm) @ 4.9 psid
Flow Rate: 11.2 gpm @ 15 psid*
Rated Capacity: 500,000 gallons (1,892 kl)
Electrical Requirements: 12 V
Total Dimensions: 15.5"W x 59.5"H (Mineral Tank 12" x 52")
System Weight: 99 lbs

This system conforms to NSF/ANSI 53 for the specific performance claims as verified and substantiated by test data. The system has been tested according to NSF/ANSI 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 53.

*Claims are certified at 5.7 gpm. Claims are not performance tested by WQA. System is not validated for contaminant reduction at this flow rate. Frequent operation at this flow rate may reduce overall capacity.



NSF/ANSI 53	Influent Challenge Concentration (mg/L)	Maximum Permissible Product Water Concentration (mg/L)	Overall % Reduction
PFOA/PFOS	0.0015 +/- 20% added as 1.0 µg/L PFOS and 0.5µg/L PFOA	0.00002	>99.9%
PFHpA	0.00004 ± 20%	0.00002	>99.9%
PFHxS	0.0003 ± 20%	0.00002	>99.9%
PFNA	0.00005 ± 20%	0.000006	>99.9%
Aesthetic Contaminants**	Influent Challenge Concentration (mg/L)	Minimum Reduction Requirement	Overall % Reduction
Chlorine	2.0 mg/L± 10%	≥ 50%	>97.4%
Chloramine	3.0 mg/L± 10%	≥ 80%	98.0%

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

**Internally validated claims. Not certified for Chlorine or Chloramine reduction by WQA.

Influent Water Quality Requirements	
pH = 7-8	Tannin <0.1 ppm
Total Hardness <10 gpg as CaCO3	Hydrogen Sulfide OR Aluminum = None
Iron <0.3 ppm	PFOA ≤500 ppt
Manganese <0.05 ppm	PFOS ≤1,000 ppt
Turbidity <1 ntu	PFHpA ≤40 ppt
Sulfate ≤200 ppm	PFHxS ≤300 ppt
TOC ≤2 ppm	PFNA ≤50 ppt

Application conditions will vary. Please contact your regional sales manager or technical support for assistance with parameters outside those listed above.



System tested and certified by WQA to NSF/ANSI Standard 53 and CSA B483.1 for the reduction of the claims specified on the Performance Data Sheet and at WQA.org. Not certified for Chlorine or Chloramine reduction by WQA.