EarthSmart®

Performance Data Sheet

Refrigerator Water Filter Models: F-8, G-4, L-3, L-4, L-5, W-5

This system has been certified against NSF/ANSI Standard 42, 53, 372, 401, P473 and CSA B483.1 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, 372, 401, P473 and CSA B483.1.

Contaminant	% of reduction	Influent Concentration	Max Allowable
NSF/ANSI 42 - AESTHETIC EFFECTS			
CHLORINE†*	>97%	2.0 MG/L	1.0 MG/L
NSF/ANSI 53 - HEALTH EFFECTS			
1,1-DCE (SEE 1,1-DICHLOROETHYLENE)*	>99%	0.083	0.001
1,1-DICHLOROETHYLENE (1,1-DCE)*	>99%	0.083	0.001
1,1,1-TCA (SEE 1,1,1 - TRICHLOROETHANE)*	95%	0.084	0.0046
1,1,1-TRICHLOROETHANE (1,1,1-TCA)*	95%	0.084	0.0046
1,1,2-TRICHLOROETHANE*	>99%	0.150	0.0005
1,2-DCA (SEE 1,2-DICHLOROETHANE)*	95%	0.088	0.0048
1,2-DICHLOROPROPANE (PROPYLENE DICHLORIDE)*	>99%	0.080	0.001
1,2-DICHLOROETHANE (1,2-DCA)*	95%	0.088	0.0048
1,1,2,2- TETRACHLOROETHANE*	>99%	0.081	0.001
1,2,4-TRICHLOROBENZENE†*	>99%	0.215	0.07
2, 4-D*	98%	0.110	0.0017
2,4,5-TP (SILVEX)*	99%	0.270	0.0016
ALACHLOR*	>98%	0.050	0.001
ASBESTOS*	99.98%	189 MFL	99%
ATRAZINE*	>97%	0.100	0.003
BENZENE*	>99%	0.081	0.001
BROMODICHLOROMETHANE (TTHM)*	>99.8%	0.300	0.015
BROMOFORM (TTHM)*	>99.8%	0.300	0.015
CARBOFURAN (FURADAN)*	>99%	0.19	0.001
CARBON TETRACHLORIDE*	>95%	0.078	0.0018
CHLOROBENZENE (MONOCHLOROBENZENE)*	>99%	0.077	0.001
CHLOROPICRIN*	99%	0.015	0.0002
CHLOROFORM (TTHM) (SURROGATE CHEMICAL)*	>99.8%	0.300	0.015
CIS-1,2-DICHLOROETHYLENE*	>99%	0.170	0.0005
CIS-1,3- DICHLOROPROPYLENE*	>99%	0.079	0.001
CRYPTOSPORIDIUM (SEE CYST)*	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
CYST (GIARDI; CRYPTOSPORIDIUM; ENTAMOEBA; TOXOPLASMA)*	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
DBCP (SEE DIBROMOCHLOROPROPANE)*	>99%	0.052	0.00002
DIBROMOCHLOROMETHANE (TTHM; CHLORODIBROMOMETHANE)*	>99.8%	0.300	0.015
DIBROMOCHLOROPROPANE (DBCP)*	>99%	0.052	0.00002
DINOSEB*	99%	0.170	0.0002
EDB (SEE ETHYLENE DIBROMIDE)*	>99%	0.044	0.00002
ENDRIN†*	96.4%	0.053	0.00059
ENTAMOEBA (SEE CYSTS)*	99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
ETHYLBENZENE*	>99%	0.088	0.001
ETHYLENE DIBROMIDE (EDB)*	>99%	0.044	0.00002
FURADAN (SEE CARBOFURAN)*	>99%	0.19	0.001
GIARDIA LAMBLIA (SEE CYST)*	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
HALOACETONITRILES (HAN)*			
BROMOCHLOROACETONITRILE*	98%	0.022	0.0005
DIBROMOACETONITRILE*	98%	0.024	0.0006

Contaminant	% of reduction	Influent Concentration	Max Allowable
NSF/ANSI 53 - HEALTH EFFECTS (CONTINUED)			
HALOACETONITRILES (HAN)*			
DICHLOROACETONITRILE*	98%	0.0096	0.0002
TRICHLOROACETONITRILE*	98%	0.015	0.0003
HALOKETONES (HK):*			
1,1-DICHLORO-2-PROPANONE*	99%	0.0072	0.0001
1,1,1-TRICHLORO-2-PROPANONE*	96%	0.0082	0.0003
HEPTACHLOR*	>99%	0.25	0.00001
HEPTACHLOR EPOXIDE*	98%	0.0107	0.0002
HEXACHLOROBUTADIENE (PERCHLOROBUTADIENE)*	>98%	0.044	0.001
HEXACHLOROCYCLOPENTADIENE*	>99%	0.060	0.000002
LEAD (PH 6.5)*	>99.3%	0.15 +/- 10%	0.010
LEAD (PH 8.5)*	>99.3%	0.15 +/- 10%	0.010
LINDANE*	>99%	0.055	0.00001
METHOXYCHLOR*	>99%	0.050	0.0001
METHYLBENZENE (SEE TOLUENE)*	>99%	0.078	0.001
MERCURY (PH 6.5)*	74.9%	0.0059	0.002
MERCURY (PH 8.5)*	97.8%	0.0061	0.002
MONOCHLOROBENZENE (SEE CHLOROBENZENE)*	>99%	0.077	0.001
O-DICHLOROBENZENE (1,2 DICHLOROBENZENE)*	>99%	0.080	0.001
PCE (SEE TETRACHLOROETHYLENE)*	>96%	0.014	0.005
p-DICHLOROBENZENE (PARA-DICHLOROBENZENE)†*	>98%	0.040	0.001
PENTACHLOROPHENOL*	>99%	0.096	0.001
PERCHLOROBUTADIENE (SEE HEXACHLOROBUTADIENE)*	>98%	0.044	0.001
PROPYLENE DICHLORIDE (SEE 1,2 -DICHLOROPROPANE)*	>99%	0.080	0.001
SIMAZINE*	>97%	0.120	0.004
STYRENE (VINYLBENZENE)*	>99%	0.150	0.0005
TCE (SEE TRICHLOROETHYLENE)*	>99%	0.180	0.0010
TOLUENE (METHYLBENZENE)*	>99%	0.078	0.001
TOXAPHENE*	>92.9%	0.015 +/- 10%	0.003
TOXOPLASMA (SEE CYST)*	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
TRANS-1,2- DICHLOROETHYLENE*	>99%	0.086	0.001
TRIBROMOACETIC ACID*	98%	0.042	0.001
TRICHLOROETHYLENE (TCE)*	>99%	0.180	0.0010
TRIHALOMETHANES (TTHM) (CHLOROFORM; BROMOFORM; BROMODICHLOROMETHANE; DIBROMOCHLOROMETHANE)*	>99.8%	0.300	0.015
UNSYM-TRICHLOROBENZENE (SEE 1,2,4-TRICHLOROBENZENE)*	>99%	0.160	0.0005
VINYLBENZENE (SEE STYRENE)*	>99%	0.150	0.0005
XYLENES (TOTAL)*	>99%	0.070	0.001
STANDARD 401 - INCIDENTAL CONTAMINANTS/EMERGING COMPOUNDS			
BISPHENOL*	99.1%	2.058 MG/L	<0.300 MG/L
ESTRONE*	96.9%	0.1388 MG/L	<0.020 MG/L
IBUPROFEN*	96.7%	0.432 MG/L	<0.060 MG/L
NAPROXEN*	95.3%	0.130 MG/L	<0.020 MG/L
NONYLPHENOL*	97.1%	2.058 MG/L	<0.200 MG/L
PHENYTOIN*	94.7%	0.2173 MG/L	<.030 MG/L
STANDARD 473 - PERFLUROCHEMICALS			
PFOA*	98.0%	0.0005 MG/L	<0.00007 MG/L
PFOS*	98.0%	0.001 MG/L	<0.00007 MG/L

† Certified by NSF International.
* Certified by IAPMO R&T.

The compounds under NSF/ANSI 401 have been deemed as 'incidental contaminants / emerging compounds'.

FILTER SPECIFICATIONS

Flow Rate:	0.5 gpm / 1.89 lpm
Operating Temperature:	33 - 100°F (0.6°C - 38°C)
Operating Pressure:	30 psi (207 kPa) - 100 psi (689 kPa)
Capacity:	200 gallons (757 L) or six months

NSF

Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of Chlorine, Taste and Odor, Endrin, 1,2,4-Trichlorobenzene, P-Dichlorobenzene.

UPC

Certified by IAPMO R&T against NSF/ANSI Standards 42, 53, 372, 401, P473 & CSA B483.1 for the reduction of Chlorine, Taste and Odor, Lead, Cyst, VOC's, Mercury, Asbestos, Pharmaceuticals (such as Naproxen, Ibuprofen and Phenyton), BPA, PFOA/PFOS.

Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts. The system conforms to NSF/ANSI 42, 53, 372, 401, P473, and CSA B483.1 for the specific performance claims as verified and substantiated by test data. See above for individual contaminants and reduction performance. Note: Testing was performed under standard laboratory conditions, actual performance may vary.

System to be used with municipal or well water sources treated and tested on regular basis to ensure bacteriological safe quality. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. Manufactured by Aquamor, LLC, Temecula, CA.

Limited Warranty: This filter hereunder shall be free from material defects in material and workmanship for a period of one (1) year from the date of purchase. To reduce the risk of property damage due to water leakage, this filter MUST be installed in accordance with the manufacturer's specifications and installations. This filter unit must be replaced every 6 months, at the rated capacity, or sooner if reduced water flow occurs. Protect from freezing. Failure to follow instructions and operating specifications will void your warranty. Further, manufacturer assumes no responsibility or liability for damages arising out of misuse of the product.

Aquamor • 42188 Rio Nedo • Temecula, California 92590 • www.aquamor.com • 866-218-8473

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