

Performance Data Sheet

Pure H2O Models: F-2, F-7

These filters are certified against CSA B483.1 for the reduction of chlorine taste and odor, Tetrachloroethylene, Endrin, Carbon Tetrachloride, Trichlorobenzene, and p-Dichlorobenzene, and against NSF/ANSI 372 for lead free compliance. See below for individual contaminants and reduction performance. 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 CSA B483.1.

Contaminant	% of Reduction	Influent Concentration	Max Allowable
CHLORINE	>97%	2.0 mg/L	1.0 mg/L
ALACHLOR*	>98%	0.050	0.001
ATRAZINE*	>97%	0.100	0.003
BENZENE*	>99%	0.081	0.001
BISPHENOL	99.1%	2.058 mg/L	<0.300 ng/L
BROMODICHLORMOMETHANE (TTHM)*	>99.8%	0.300	0.015
BROMOFORM (TTHM)*	>99.8%	0.300	0.015
CARBOFURN (Furadan)*	>99%	0.19	0.001
CHLORDANE	>99.5%	0.04 +/- 10%	0.002
CHLOROBENZENE (Monochlorobenzene)*	>99%	0.077	0.001
CHLROPICRIN*	99%	0.015	0.0002
CHLOROFORM (TTHM)* (surrogate chemical)	>99.8%	0.300	0.015
2, 4-D*	98%	0.110	0.0017
CYST (Giardi; Crptosporidium; Entamoeba; Toxoplasma)	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
Cryptosporidium (see CYST)	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
DBCP (see Dibromochloropropane)*	>99%	0.052	0.00002
1,2-DCA (see 1,2-DICHLOROETHANE)	95%	0.088	0.0048
1,1-DCE (see 1,1-DICHLOROETHYLENE)*	>99%	0.083	0.001
DIBROMOCHLOROMETHANE (TTHM; Chlorodibromomethane)*	>99.8%	0.300	0.015
DIBROMOCHLOROPROPANE (DBCP)*	>99%	0.052	0.00002
o-DICHLOROBENZENE (1,2 Dichlorobenzene)*	>99%	0.080	0.001
p-DICHLOROBENZENE (para-Dichloroenezene)	>98%	0.040	0.001
1,2-DICHLOROETHANE (1,2-DCA)*	95%	0.088	0.0048
1,1-DICHLOROETHYLENE (1,1-DCE)*	>99%	0.083	0.001
CIS-1,2-DICHLOROETHYLENE*	>99%	0.170	0.0005
TRANS-1,2-DICHLOROETHYLENE*	>99%	0.086	0.001
1,2-DICHLOROPROPANE (Propylene Dichloride)*	>99%	0.080	0.001
CIS-1,3-DICHLOROPROPYLENE*	>99%	0.079	0.001
DINOSEB*	99%	0.170	0.0002
EDB (see ETHYLENE DIBROMIDE)*	>99%	0.044	0.00002
ENDRIN	99%	0.053	0.00059
Entamoeba (see CYSTS)	99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
ESTRONE	96.9%	0.1388 mg/L	<0.020 mg/L
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
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
IBUPROFEN	96.7%	0.432 mg/L	<0.060 mg/L
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%	0.078	0.0001
Methylbenzene (see TOLUENE)*	>99%	0.077	0.001
Monochlorobenzene (see CHLORO BENZENE)*	>99%	0.015 +/- 20%	0.001
MTBE (methyl tert-butyl ether)	>96.6%	0.130 mg/L	0.005
NAPROXEN	95.3%	2.058 mg/L	<0.020 mg/L
NONYLPHENOL	97.4%	0.01 +/- 10%	<0.200 mg/L
POLYCHLORINATED BIPHENYLS (PCBs, Aroclor 1260)	>99.9%	0.096	0.0005
PENTACHLOROPHENOL*	>99%	0.044	0.001
Perchlorobutadiene (see HEXACHLOROBUTADIENE)*	>98%	0.0005 mg/L	0.001
PFOA	98.0%	0.001 mg/L	<0.00007 mg/L
PFOS	98.0%	0.2173 mg/L	<0.00007 mg/L
PHENTYOIN	94.7%	0.080	<0.030 mg/L
Propylene Dichloride (see 1,2-DICHLOROPROPANE)*	>99%	0.120	0.001
SIMAZINE*	>97%	0.079	0.004
STYRENE (Vinylbenzene)*	>99%	0.150	0.0005
1,1,1-TCA (see 1,1,1-TRICHLOROETHANE)*	95%	0.084	0.0046
TCE (see TRICHLOROETHYLENE)*	>99%	0.180	0.0010
1,1,2,2-TETRACHLOROETHANE*	>99%	0.081	0.001
TETRACHLOROETHYLENE*	>99%	0.081	0.001
TOLUENE (Methylbenzene)*	>99%	0.078	0.001
TOXAPHENE	>92.9%	0.015 +/- 10%	0.003
2,4,5-TP (Silvex)*	99%	0.270	0.0016
Toxoplasma (see CYST)	>99.95%	MINIMUM 50,000/L	99.95% REDUCTION REQUIREMENT
TRIBROMOACETIC ACID*		0.042	0.001
1,1,1-TRICHLOROETHANE (1,1,1-TCA)	95%	0.084	0.0046
1,1,2-TRICHLOROETHANE*	>99%	0.150	0.0005
TRICHLOROETHYLENE (TCE)*	>99%	0.180	0.0010
TRIALOMETHANES (THM) (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

FILTER SPECIFICATIONS	
Flow Rate	5.0 gpm / 1.89 lpm
Operating Temperature	33°F – 100°F (0.6°C – 38°C)
Operating Pressure	30psi (207 kPa) – 100psi (689 kPa)
Capacity	300 gallons (1,136 L) or six months



These filters are certified by IAPMO R&T against CSA B483.1 for the reduction of chlorine, taste and odor, Tetrachloroethylene, Endrin, Carbon Tetrachloride, Trichlorobenzene, p-Dichlorobenzene, and against NSF/ANSI 372 for Lead Free Compliance. Refer to the performance data above for a complete list of claims.

Notes: 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. See installation manual for warranty information.



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