



Performance Data Sheet

Pelican PDF Series Premium Countertop Filter



THIS SYSTEM HAS BEEN TESTED AND CERTIFIED BY NSF INTERNATIONAL AGAINST NSF/ANSI STANDARD 42 FOR THE AESTHETIC REDUCTION OF CHLORINE TASTE AND ODOR, CHLORAMINE AND PARTICULATE CLASS I AND AGAINST NSF/ANSI STANDARD 53 FOR THE REDUCTION OF CYSTS, MERCURY, LEAD AND VOC'S.

NSF/ANSI 42	Influent Challenge Concentration	Reduction Requirements	Overall % Reduction
Chlorine Reduction	2.0 +/- 10% mg/L	50%	98%
Chloramine Reduction	3.0 +/- 10% mg/L	< 0.5 mg/L	95%
Particulate Class I Reduction	at least 10,000 particles / mL	85%	>99.9%

NSF/ANSI 53	Influent Challenge Concentration	Reduction Requirements	Overall % Reduction
Cyst, Live Cryptosporidium & Giardia	min 50,000 / L	99.95%	> 99.99%
Mercury Reduction pH 6.5	0.006 +/- 10% mg / L	< 2 ug / L	96.50%
Mercury Reduction pH 8.5	0.006 +/- 10% mg / L	< 2 ug / L	95.80%
Lead Reduction pH 6.5	0.15 +/- 10% mg / L	< 10 ug / L	> 99.4%
Lead Reduction pH 8.5	0.15 +/- 10% mg / L	< 10 ug / L	> 99.3%
VOC (Chloroform as Surrogate)	300 +/- 30 ug/L	95%	99.80%

Organic Chemicals Included by Surrogate Testing			
Chemical	Drinking water regulatory level1 (MCL/MAC) mg/L	Influent Challenge Concentration mg/L	Chemical Reduction Percent
alachlor	0.002	0.050	>98
atrazine	0.003	0.100	>97
benzene	0.005	0.081	>99
carbofuran	0.04	0.190	>99
carbon tetrachloride	0.005	0.078	98

RSF: 0.5 GPM
Capacity: 6 Months or 450 Gallons
Maximum Pressure: 80 PSI
Minimum Pressure: 20 PSI
Maximum Temperature: 100°F
Minimum Temperature: 40°F
Replacement Model #: PDF-RF

Statements:

Testing was 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. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts. All contaminants reduced by this filter are listed. Not all contaminants listed may be present in your water. Filter does not remove all contaminants that may be present in tap water. See owner's manual for general installation conditions and needs as well as manufacturer's limited warranty.

Do not use with water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system.

chlorobenzene	0.1	0.077	>99
chloropicrin	--	0.015	99
2,4-D	0.07	0.110	98
dibromochloropropane (DBCP)	0.00002	0.052	>99
o-dichlorobenzene	0.6	0.080	>99
p-dichlorobenzene	0.075	0.040	>98
1,2-dichloroethane	0.005	0.088	95
1,1-dichloroethylene	0.007	0.083	0.99
cis-1,2-dichloroethylene	0.07	0.170	>99
trans-1,2-dichloroethylene	0.1	0.086	>99
1,2-dichloropropane	0.005	0.080	>99
cis-1,3-dichloropropylene	--	0.079	>99
dinoseb	0.007	0.170	99
endrin	0.002	0.053	99
ethylbenzene	0.7	0.088	>99
ethylene dibromide (EDB)	0.00005	0.044	>99
haloacetonitriles (HAN):			
bromochloroacetonitrile	--	0.022	98
dibromoacetonitrile	--	0.024	98
dichloroacetonitrile	--	0.0096	98
trichloroacetonitrile	--	0.015	98
haloketones (HK):			
1,1-dichloro-2-propanone	--	0.0072	99
1,1,1-trichloro-2-propanone	--	0.0082	96
heptachlor (H-34, Heptox)	0.0004	0.025	>99
heptachlor epoxide	0.0002	0.0107	98
hexachlorobutadiene	--	0.044	>98
hexachlorocyclopentadiene	0.05	0.060	>99
lindane	0.0002	0.055	>99
methoxychlor	0.04	0.050	>99
pentachlorophenol	0.001	0.096	>99
simazine	0.004	0.120	>97
styrene	0.1	0.150	>99
1,1,1,2-tetrachloroethane	--	0.081	>99
tetrachloroethylene	0.005	0.081	>99
toluene	1	0.078	>99
2,4,5-TP (silvex)	0.05	0.270	99
tribromoacetic acid	--	0.042	>98
1,2,4-trichlorobenzene	0.07	0.16	>99
1,1,1-trichloroethane	0.2	0.084	95
1,1,2-trichloroethane	0.005	0.15	>99
trichloroethylene	0.005	0.18	>99
trihalomethanes (includes):			
chloroform (surrogate chemical)			
bromoform			
bromodichloromethane			
chlorodibromomethane	0.080	0.3	95
xylene (total)	10	0.07	>99

For more information:
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