

PERFORMANCE DATA

Important Notice: Read performance data and compare the capabilities of the system with your actual water treatment requirements. It is recommended that the supply water be tested, before installing a water treatment system, to determine your water treatment needs.

Test Conditions

Flow Rate

F2000-B2B = 0.60 gpm (2.27 L/min)
F2000-B2M = 0.60 gpm (2.27 L/min)

Filter Capacity

F2000-B2B = 675 gallons (2555 L)
F2000-B2M = 675 gallons (2555 L)
Inlet Pressure = 60 psi (4.1 bar)
Temperature = 68°F +/- 5°F (20°C +/- 2.5°F)

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

Operating Requirements for F2000-B2B and F2000-B2M Systems:

Pressure = 40-100 psi (2.75-6.89 bar)
Temperature = 40-100°F (4.4-37.8°C)

Performance Data Sheet Reduction Claims

for Organic Chemicals Included by Surrogate Testing

Substance	Influent Challenge Concentration mg/L	Maximum permissible Product Water Concentration mg/L
alachlor	0.050	0.001
atrazine	0.100	0.003
benzene	0.081	0.001
carbofuran	0.190	0.01
carbon tetrachloride	0.078	0.0018
chlorobenzene	0.077	0.001
chloropicrin	0.015	0.0002
2,4-D	0.110	0.0017
dibromochloropropane (DBCP)	0.052	0.00002
o-dichlorobenzene	0.080	0.001
p-dichlorobenzene	0.040	0.001
1,2-dichloroethane	0.088	0.0048
1,1-dichloroethylene	0.083	0.001
cis-1,2-dichloroethylene	0.170	0.0005
trans-1,2-dichloroethylene	0.086	0.001
1,2-dichloropropane	0.080	0.001
cis-1,3-dichloropropylene	0.079	0.001
dinoseb	0.170	0.0002
endrin	0.053	0.00059
ethylbenzene	0.088	0.001
ethylene dibromide (EDB)	0.044	0.00002
haloacetonitriles (HAN):		
bromochloroacetonitrile	0.022	0.0005
dibromoacetonitrile	0.024	0.0006
dichloroacetonitrile	0.0096	0.0002
trichloroacetonitrile	0.015	0.0003
haloketones (HK):		
1,1-dichloro-2-propanone	0.0072	0.0001
1,1,1-trichloro-2-propanone	0.0082	0.0003
heptachlor	0.080	0.0004
heptachlor epoxide	0.0107	0.0002
hexachlorobutadiene	0.044	0.001
hexachlorocyclopentadiene	0.060	0.000002
lindane	0.055	0.00001
methoxychlor	0.050	0.0001
pentachlorophenol	0.096	0.001
simazine	0.120	0.004
styrene	0.150	0.0005
1,1,2,2-tetrachloroethane	0.081	0.001
tetrachloroethylene	0.081	0.001
toluene	0.078	0.001
2,4,5-TP[silvex]	0.270	0.0016
tribromoacetic acid	0.042	0.001
1,2,4-trichlorobenzene	0.160	0.0005
1,1,1-trichloroethane	0.084	0.0046
1,1,2-trichloroethane	0.050	0.0005
trichloroethylene	0.180	0.001
trihalomethanes (includes):		
chloroform (surrogate chemical)		
bromoform	0.310	0.015
bromodichloromethane		
chlorodibromomethane		
xylenes (total)	0.070	0.001

F2000-B2B, F2000-B2M SYSTEMS INSTALLED WITH F2B2-RC2 FILTER CARTRIDGE SET

This system has been tested according to NSF/ANSI 42 and 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 exiting the system, as specified in NSF/ANSI 42 and 53.

Conforms to NSF/ANSI 53 for VOC reduction. See performance data sheet for individual contaminant and reduction performance.

Model F2000-B2B, F2000-B2M Systems

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42					
Chlorine Taste & Odor	2.0 mg/L ± 10%		>50%		95.9%
Particulates (0.5- < 1µM) Class 1*	at least 10,000 particulates/mL		>85%		97.9%
Standard 53					
Cysts **	Minimum 50,000/L		99.95%	99.97%	99.99%
Atrazine	0.009 mg/L ± 10%	0.003 mg/L		90.5%	93.7%
Lead (pH 6.5)	0.15 mg/L ± 10%	0.010 mg/L		99.3%	99.9%
Lead (pH 8.5)	0.15 mg/L ± 10%	0.010 mg/L		99.3%	99.6%
Lindane	0.002 mg/L ± 10%	0.0002 mg/L		94.8%	97.4%
Chloroform (VOC surrogate chemical)	0.300mg/L ± 10%	0.015 mg/L		96.5%	98.8%

Flow Rate = 0.6 gpm (2.2 L/min); Capacity = 675 gallons (2555 L) or 12 months

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

* Reduces particles as small as 0.5-1 micron in size by mechanical means

** NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means.



The Model F2000-B2B and F2000-B2M are Tested and Certified by NSF International against NSF/ANSI Standard 42, 53, and CSA B483.1 for the reduction of substances specified on the Performance Data Sheet.

EPA Est. 082989-CHN-001