



# Performance Data Sheet

Multi-Pure Drinking Water Systems have been tested and certified under NSF/ANSI Standard Nos. 53 as shown 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, Health Effects.



For Model Nos. MP750SB, MP1200EL, MP750SC, MP750SI, MPAD, MPCT

Substance	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
ALACHLOR*	>98%	0.05	0.001
ASBESTOS	>99.9%	10 <sup>7</sup> to 10 <sup>8</sup> fibers/L; fibers greater than 10 micrometers in length	99% reduction requirement
ATRAZINE*	>97%	0.1	0.003
BENZENE*	>99%	0.081	0.001
BROMODICHLOROMETHANE (TTHM)*	>99.8%	0.300 +/- 0.30	0.015
BROMOFORM (TTHM)*	>99.8%	0.300 +/- 0.30	0.015
CARBOFURAN (Furadan)*	>99%	0.19	0.001
CARBON TETRACHLORIDE*	98%	0.078	0.0018
CHLORDANE	>99.5%	0.04 +/-10%	0.002
CHLOROBENZENE (Monochlorobenzene)*	>99%	0.077	0.001
CHLOROPICRIN*	99%	0.015	0.0002
CHLOROFORM (TTHM)* (surrogate chemical)	>99.8%	0.300 +/- 0.30	0.015
Cryptosporidium (CYST)	99.95%	minimum 50,000/mL	99.95%
CYST (Giardia; Cryptosporidium; Entamoeba; Toxoplasma)	99.95%	minimum 50,000/mL	99.95%
2, 4-D*	98%	0.110	0.0017
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 +/- 0.30	0.015
DIBROMOCHLOROPROPANE (DBCP)*	>99%	0.052	0.00002
o-DICHLOROBENZENE (1,2 Dichlorobenzene)*	>99%	0.08	0.001
p-DICHLOROBENZENE (para-Dichlorobenzene)*	>98%	0.04	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%	0.17	0.0005
TRANS-1,2- DICHLOROETHYLENE*	>99%	0.086	0.001
1,2-DICHLOROPROPANE (Propylene Dichloride)*	>99%	0.08	0.001
CIS-1,3- DICHLOROPROPYLENE*	>99%	0.079	0.001
DINOSEB*	99%	0.17	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/mL	99.95%
ETHYLBENZENE*	>99%	0.088	0.001
ETHYLENE DIBROMIDE (EDB)*	>99%	0.044	0.00002
Furadan (see CARBOFURAN)*	>99%	0.19	0.001

\*\*Percent reduction reflects actual performance of Multi-Pure product as specifically tested (at 200% of capacity). Percent reduction shown for VOCs\* reflects the allowable claims for Volatile Organic Chemicals/Compounds as per Tables. Chloroform was used as a surrogate for VOC reduction claims: the Multi-Pure Systems' actual reduction rate of Chloroform was >99.8% as tested (at 200% of capacity).

<b>Substance</b>	<b>Percent Reduction**</b>	<b>Influent challenge concentration (mg/L unless specified)</b>	<b>Maximum permissible product water concentration (mg/L unless specified)</b>
Giardia Lamblia (see CYST)	>99.95%	minimum 50,000/mL	99.95%
<b>HALOACETONITRILES (HAN)*</b>			
<b>BROMOCHLOROACETONITRILE</b>	98%	0.022	0.0005
<b>DIBROMOACETONITRILE</b>	98%	0.024	0.0006
<b>DICHLOROACETONITRILE</b>	98%	0.0096	0.0002
<b>TRICHLOROACETONITRILE</b>	98%	0.015	0.0003
<b>HALOKETONES (HK):*</b>			
<b>1,1-DICHLORO-2-PROPANONE</b>	99%	0.0072	0.0001
<b>1,1,1-TRICHLORO-2-PROPANONE</b>	96%	0.0082	0.0003
<b>HEPTACHLOR*</b>	>99%	0.25	0.00001
<b>HEPTACHLOR EPOXIDE*</b>	98%	0.0107	0.0002
<b>HEXACHLOROBUTADIENE (Perchlorobutadiene)*</b>	>98%	0.044	0.001
<b>HEXACHLOROCYCLOPENTADIENE*</b>	>99%	0.060	0.000002
<b>LEAD (pH 6.5)</b>	>99.3%	0.15 +/- 10%	0.010
<b>LEAD (pH 8.5)</b>	>99.3%	0.15 +/- 10%	0.010
<b>LINDANE*</b>	>99%	0.055	0.00001
<b>MERCURY (pH 6.5)</b>	>99%	0.006 +/- 10%	0.002
<b>MERCURY (pH 8.5)</b>	>99%	0.006 +/- 10%	0.002
<b>METHOXYCHLOR*</b>	>99%	0.050	0.0001
Methylbenzene (see TOLUENE)*	>99%	0.078	0.001
Monochlorobenzene (see CHLORO BENZENE)*	>99%	0.077	0.001
<b>MTBE (methyl tert-butyl ether)</b>	>96.6%	0.015 +/- 20%	0.005
<b>POLYCHLORINATED BIPHENYLS (PCBs , Aroclor 1260)</b>	>99.9%	0.01 +/- 10%	0.0005
PCE (see TETRACHLOROETHYLENE)*	>99%	0.081	0.001
<b>PENTACHLOROPHENOL*</b>	>99%	0.096	0.001
Perchlorobutadiene (see HEXACHLOROBUTADIENE)*	>98%	0.044	0.001
Propylene Dichloride (see 1,2 -DICHLOROPROPANE)*	>99%	0.080	0.001
<b>SIMAZINE*</b>	>97%	0.120	0.004
Silvex (see 2,4,5-TP)*	99%	0.270	0.0016
<b>STYRENE (Vinylbenzene)*</b>	>99%	0.15	0.0005
1,1,1-TCA (see 1,1,1 - TRICHLOROETHANE)*	95%	0.084	0.0046
TCE (see TRICHLOROETHYLENE)*	>99%	0.180	0.0010
<b>1,1,2,2- TETRACHLOROETHANE*</b>	>99%	0.081	0.001
<b>TETRACHLOROETHYLENE*</b>	>99%	0.081	0.001
<b>TOLUENE (Methylbenzene)*</b>	>99%	0.078	0.001
<b>TOXAPHENE</b>	>92.9%	0.015 +/- 10%	0.003
Toxoplasma (see CYSTS)	99.95%	minimum 50,000/mL	99.95%
<b>2,4,5-TP (Silvex)*</b>	99%	0.270	0.0016
<b>TRIBROMOACETIC ACID*</b>		0.042	0.001
<b>1,2,4 TRICHLOROBENZENE (Unsymtrichlorobenzene)*</b>	>99%	0.160	0.0005
<b>1,1,1-TRICHLOROETHANE (1,1,1-TCA)*</b>	95%	0.084	0.0046
<b>1,1,2-TRICHLOROETHANE*</b>	>99%	0.150	0.0005
<b>TRICHLOROETHYLENE (TCE)*</b>	>99%	0.180	0.0010
<b>TRIHALOMETHANES (TTHM) (Chloroform; Bromoform; Bromodichloromethane; Dibromochloromethane)</b>	>99.8%	0.300 +/- 0.30	0.015
<b>TURBIDITY</b>	>99%	11 +/- 1 NTU	0.5 NTU
TRICHLOROBENZENE)*	>99%	0.160	0.0005
Vinylbenzene (see STYRENE)*	>99%	0.150	0.0005
<b>XYLENES (TOTAL)*</b>	>99%	0.070	0.001

## NSF/ANSI 42 - Aesthetic Effects

The System has been tested according to NSF/ANSI Standard 42 for the reduction of the following substances. 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.

Substance	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
<b>CHLORAMINE as Aesthetic Effect</b> (As Monochloramine)	>97%	3.0 mg/L +/- 10%	0.5 mg/L
<b>CHLORINE as Aesthetic Effect</b>	99%	2.0 Mg/L +/- 10%	> or = 50%
<b>PARTICULATE</b> , (Nominal Particulate Reduction, Class I, Particles 0.5 TO <1 UM	Class I > 99%	At Least 10,000 particles/mL	> or = 85%

Note: This addresses the U.S. Environmental Protection Agency (EPA) Primary and Secondary Drinking Water Regulations in effect at its time of publication, they relate to Multi-Pure's performance in conformance to the industry performance criteria. These regulations are continually being updated at the Federal level. Accordingly, this list of MCLs will be reviewed and amended when appropriate. Please see sales brochure for list of product certifications.

### NOTES:

1. Multi-Pure Drinking Water Systems have been certified, as indicated, by NSF International for compliance to NSF/ANSI Standard Nos. 42 & 53.
2. The Multi-Pure Drinking Water Systems have been certified by the State of California Department of Public Health for the reduction of specific contaminants listed herein.
3. Chloroform was used as a surrogate for claims of reduction of VOCs. Multi-Pure Systems tested at >99.8% actual reduction of Chloroform. Percent reduction shown herein reflects the allowable claims for VOCs as per tables in the Standard.
4. **Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.**
5. Filter life will vary in proportion to the amount of water used and the level of impurities in the water being processed. For optimum performance, it is essential that the filter be replaced on a regularly scheduled basis as follows: (a) annually; (b) when the unit's rated capacity has been reached; (c) the flow rate diminishes; (d) the filter becomes saturated with bad tastes and odors.
6. Model No. MP1200EL includes a capacity monitor that automatically flashes a yellow light when it is time to replace your filter.
7. Multi-Pure Drinking Water System Housings are warranted for Lifetime (\*provided that the filter be replaced at least once a year). All exterior hoses and attachments to the System are warranted for one year. Please see the Owner's Manual for complete product guarantee and warranty information.
8. Please see the Owner's Manual for installation instructions and operating procedures.
9. In compliance with New York law, it is recommended that before purchasing a water treatment system, NY residents have their water supply tested to determine their actual water treatment needs. Please compare the capabilities of the Multi-Pure unit with your actual water treatment needs.
10. Check for compliance with state and local laws and regulations.
11. While testing was performed under standard laboratory conditions, actual performance may vary.
12. The list of substances which the treatment device reduces does not necessarily mean that these substances are present in your tap water.



MP750SB or MP1200EL



MPCT



MP750SC



MPAD

	MP750xx/MPCT	MP1200EL	MPAD
Approximate Service Capacity (6)	750 gallons	1200 gallons	750 gallons
Replacement Filter Type Model No./ Approx. Cost	CB6/\$60	CB6/\$60	CBAD/\$60
Approximate Flow Rate @ 60 psi	0.75 gpm	0.75 gpm	0.75 gpm
Maximum Water Pressure	100 psi/7.0 kg/cm <sup>2</sup>	100 psi/7.0 kg/cm <sup>2</sup>	100 psi/7.0 kg/cm <sup>2</sup>
Minimum Water Pressure	30 psi/2.1 kg/cm <sup>2</sup>	30 psi/2.1 kg/cm <sup>2</sup>	30 psi/2.1 kg/cm <sup>2</sup>
Maximum Operating Temperature	100°F/38°C for cold water use only	100°F/38°C for cold water use only	100°F/38°C for cold water use only
Minimum Operating Temperature	32°F/0°C for cold water use only	32°F/0°C for cold water use only	32°F/0°C for cold water use only
Warranty on Housing	Lifetime*	Lifetime*	Lifetime*
Warranty on Exterior Hoses and Attachments	1 year	1 year	1 year

# California Department of Public Health Certification / Registration

**Water Treatment Device**  
Certificate Number  
**97 - 1294**  
Date Issued: June 23, 2007  
Date Revised: September 4, 2007

Trade Name/Model Designation	Replacement Element(s)
MP7505B	CB6
MP7505C	CB6
MP7505SCT	CB6
MP7505I	CB6
MPC500B	CB6
MPC500C	CB6
MPC500I	CB6
MP-SSCT	CB6
MPCT	CB6

Manufacturer: Multi-Pure Corporation

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity	Inorganic/Radiological Contaminants
Cysts (protozoa) Turbidity	Arsenic Lead Mercury

Organic Contaminants	Inorganic/Radiological Contaminants
Chlorides PCB Toluene MTBE VOCs  Alcohol Atrazine Benzene Cyanuric Carbon Tetrachloride Chlorobenzene Chloroform 2,4-D DBCP o-Dichlorobenzene p-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethylene trans-1,2-Dichloroethylene 1,2-Dichloropropane cis-1,3-Dichloropropylene Dioxin	Strontium Selenium 1,1,2,2-Tetrachloroethane Tetrachloroethylene Telurene 2,4,5-TP (Silvex) Trichloroacetic Acid 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene (TCE/101) Bromochloroethane Bromoforn Chloroform Chlorodibromomethane Xylenes

Rated Service Capacity: 750 gallons      Rated Service Flow: 0.75 gpm

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems claiming cyst reduction may be used on water containing cysts.

State of California  
Department of Health Services  
Water Treatment Device  
Certificate Number  
**05 - 1736**  
Date Issued: October 20, 2005

Trade Name/Model Designation	Replacement Element(s)
Multi-Pure MPAD	CB6AD
Multi-Pure MPADC	CB6AD

Manufacturer: Multi-Pure Drinking Water Systems

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity	Inorganic/Radiological Contaminants
Cysts Turbidity	Arsenic Lead Mercury

Organic Contaminants	Inorganic/Radiological Contaminants
Chlorides MTBE PCB Toluene VOCs  Alcohol Atrazine Benzene Cyanuric Carbon Tetrachloride Chlorobenzene Chloroform 2,4-D DBCP o-Dichlorobenzene p-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethylene trans-1,2-Dichloroethylene 1,2-Dichloropropane cis-1,3-Dichloropropylene Dioxin	Strontium Selenium 1,1,2,2-Tetrachloroethane Tetrachloroethylene Telurene 2,4,5-TP (Silvex) Trichloroacetic Acid 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene (TCE/101) Bromochloroethane Bromoforn Chloroform Chlorodibromomethane Xylenes

Rated Service Capacity: 750 gal      Rated Service Flow: 0.75 gpm

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

State of California  
Department of Public Health  
Water Treatment Device  
Certificate Number  
**97 - 1295**  
Date Issued: June 23, 2007

Trade Name/Model Designation	Replacement Element(s)
Multi-Pure MP1200BE	CB6

Manufacturer: Multi-Pure Corporation

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity	Inorganic/Radiological Contaminants
Cysts (protozoa) Turbidity	Arsenic Lead Mercury

Organic Contaminants	Inorganic/Radiological Contaminants
Chlorides PCB Toluene MTBE VOCs  Alcohol Atrazine Benzene Cyanuric Carbon Tetrachloride Chlorobenzene Chloroform 2,4-D DBCP o-Dichlorobenzene p-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethylene trans-1,2-Dichloroethylene 1,2-Dichloropropane cis-1,3-Dichloropropylene Dioxin	Strontium Selenium 1,1,2,2-Tetrachloroethane Tetrachloroethylene Telurene 2,4,5-TP (Silvex) Trichloroacetic Acid 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethylene (TCE/101) Bromochloroethane Bromoforn Chloroform Chlorodibromomethane Xylenes

Rated Service Capacity: 1200 gallons      Rated Service Flow: 0.75 gpm

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems claiming cyst reduction may be used on water containing cysts.