



# Performance Data Sheet

Multipure 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

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*	98%	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

**\*\*Percent reduction reflects actual performance of Multipure 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 Multipure Systems' actual reduction rate of Chloroform was >99.8% as tested (at 200% of capacity).**

Substance	Percent Reduction**	Influent challenge concentration (mg/L unless specified)	Maximum permissible product water concentration (mg/L unless specified)
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 CHLOROBENZENE)*	>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>RADON</b>	>94.9%	4000 ± 1000 pCi/L	300 pCi/L
<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>	98%	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>TRIALOMETHANES (TTHM) (Chloroform; Bromoform; Bromodichloromethane; Dibromochloromethane)</b>	>99.8%	0.300 +/- 0.30	0.015
<b>TURBIDITY</b>	>99%	11 +/- 1 NTU	0.5 NTU
Unsym-Trichlorobenzene (see 1,2,4-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 Multipure'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:

- Multipure Drinking Water Systems have been certified, as indicated, by NSF International for compliance to NSF/ANSI Standard Nos. 42 & 53.
- The Multipure Drinking Water Systems have been certified by the State of California Department of Public Health for the reduction of specific contaminants listed herein.
- Chloroform was used as a surrogate for claims of reduction of VOCs. Multipure 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.
- 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.**
- 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; or (d) the filter becomes saturated with bad tastes and odors.
- Model No. MP1200EL includes a capacity monitor that automatically flashes a red light when it is time to replace your filter.
- Multipure 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.
- Please see the Owner's Manual for installation instructions and operating procedures.
- 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 Multipure unit with your actual water treatment needs.
- While testing was performed under standard laboratory conditions, actual performance may vary.
- 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



MP750SC



MPAD

Operational Specifications	MP750xx	MP1200EL	MPAD
Approximate Service Capacity	750 gallons	1200 gallons	750 gallons
Replacement Filter Type	CB6	CB6	CBAD
Approximate Flow Rate @ 60 psi	0.75 gpm	0.75 gpm	0.75 gpm
Maximum Water Pressure	100 psi/7.0 kg/cm2	100 psi/7.0 kg/cm2	100 psi/7.0 kg/cm2
Minimum Water Pressure	30 psi/2.1 kg/cm2	30 psi/2.1 kg/cm2	30 psi/2.1 kg/cm2
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

# California Department of Public Health Certification / Registration

State of California  
Department of Public Health  
Water Treatment Device  
Certificate Number

97 - 1294

Date Issued: June 23, 2012

## Trademark/Model Designation

MP750SB  
MP750SC  
MP750SI  
MPCT

Replacement Elements: CB6

Manufacturer: Multipure International

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

Cysts (protozoan)  
Turbidity

## Organic Contaminants

Chlordane  
PCBs  
Toxaphene  
MTBE  
VOCs

## VOCs by Surrogate:

Alachlor  
Atrazine  
Benzene  
Carbofuran  
Carbon Tetrachloride  
Chlorobenzene  
Chloroethene  
2,4-D  
DBCP  
o-Dichlorobenzene  
p-Dichlorobenzene  
1,2-Dichloroethane  
1,1,1-Trichloroethane  
trans-1,2-Dichloroethene  
1,2-Dichloropropane  
cis-1,3-Dichloropropene  
Dinoseb

Endrin  
Ethionazole  
EDB  
Halooxanthins (HAA)  
Bromochloroacetonitrile  
Dibromochloroacetonitrile  
Trichloroacetonitrile  
Haloketones (HK)  
1,1,1-Trichloro-2-Propanone  
1,1,1-Trichloro-2-Propanone  
Heptachlor Epoxide  
Heptachlor Epoxide  
Heptachlor Epoxide  
Heptachlor Epoxide  
Lindane  
Methoxychlor  
Pentachlorophenol

Simazine  
Styrene  
1,1,2,2-Tetrachloroethane  
Tetrahydrofuran  
Toluene  
2,4,5-TP (Silvex)  
Trichloroacetic Acid  
1,2,4-Trichlorobenzene  
1,1,1-Trichloroethane  
1,1,2-Trichloroethane  
Trichloroethylene  
Trichloroethanes (THMs)  
Bromochloromethane  
Bromofrom  
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.  
Do not use on water sources with a radon activity greater than 4000 pCi/L and follow the manufacturer's recommended replacement schedule for the carbon filter (to a maximum of one year). System treats radon from drinking water only and does not reduce radon from indoor air.

State of California  
Department of Public Health  
Water Treatment Device  
Certificate Number

97 - 1295

Date Issued: June 23, 2012

## Trademark/Model Designation

Multi-Pure MP120EL

Replacement Elements: CB6

Manufacturer: Multipure International

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

Cysts (protozoan)  
Turbidity

## Organic Contaminants

Chlordane  
PCBs  
Toxaphene  
MTBE  
VOCs

## VOCs by Surrogate:

Alachlor  
Atrazine  
Benzene  
Carbofuran  
Carbon Tetrachloride  
Chlorobenzene  
Chloroethene  
2,4-D  
DBCP  
o-Dichlorobenzene  
p-Dichlorobenzene  
1,2-Dichloroethane  
1,1,1-Trichloroethane  
trans-1,2-Dichloroethene  
1,2-Dichloropropane  
cis-1,3-Dichloropropene  
Dinoseb

Endrin  
Ethionazole  
EDB  
Halooxanthins (HAA)  
Bromochloroacetonitrile  
Dibromochloroacetonitrile  
Trichloroacetonitrile  
Haloketones (HK)  
1,1,1-Trichloro-2-Propanone  
1,1,1-Trichloro-2-Propanone  
Heptachlor Epoxide  
Heptachlor Epoxide  
Heptachlor Epoxide  
Heptachlor Epoxide  
Lindane  
Methoxychlor  
Pentachlorophenol

Simazine  
Styrene  
1,1,2,2-Tetrachloroethane  
Tetrahydrofuran  
Toluene  
2,4,5-TP (Silvex)  
Trichloroacetic Acid  
1,2,4-Trichlorobenzene  
1,1,1-Trichloroethane  
1,1,2-Trichloroethane  
Trichloroethylene  
Trichloroethanes (THMs)  
Bromochloromethane  
Bromofrom  
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.  
Do not use on water sources with a radon activity greater than 4000 pCi/L and follow the manufacturer's recommended replacement schedule for the carbon filter (to a maximum of one year). System treats radon from drinking water only and does not reduce radon from indoor air.

State of California  
Department of Health Services  
Water Treatment Device  
Certificate Number

05 - 1736

Date Issued: October 20, 2005

## Trademark/Model Designation

Multi-Pure MPAD  
Multi-Pure MPADC

## Replacement Element(s)

CB6AD  
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

Cysts  
Turbidity

## Inorganic/Radiological Contaminants

Asbestos  
Lead  
Mercury

## Organic Contaminants

Chlordane  
PCB  
Toxaphene  
VOCs

Alachlor  
Atrazine  
Benzene  
Carbofuran  
Carbon Tetrachloride  
Chlorobenzene  
Chloroethene  
2,4-D  
DBCP  
o-Dichlorobenzene  
p-Dichlorobenzene  
1,2-Dichloroethane  
1,1,1-Trichloroethane  
trans-1,2-Dichloroethene  
1,2-Dichloropropane  
cis-1,3-Dichloropropene  
Dinoseb

Endrin  
Ethionazole  
EDB  
Halooxanthins (HAA)  
Bromochloroacetonitrile  
Dibromochloroacetonitrile  
Trichloroacetonitrile  
Haloketones (HK)  
1,1,1-Trichloro-2-Propanone  
1,1,1-Trichloro-2-Propanone  
Heptachlor Epoxide  
Heptachlor Epoxide  
Heptachlor Epoxide  
Heptachlor Epoxide  
Lindane  
Methoxychlor  
Pentachlorophenol

Simazine  
Styrene  
1,1,2,2-Tetrachloroethane  
Tetrahydrofuran  
Toluene  
2,4,5-TP (Silvex)  
Trichloroacetic Acid  
1,2,4-Trichlorobenzene  
1,1,1-Trichloroethane  
1,1,2-Trichloroethane  
Trichloroethylene  
Trichloroethanes (THMs)  
Bromochloromethane  
Bromofrom  
Chloroform  
Chlorodibromomethane  
Xylenes

Rated Service Capacity: 150 gals

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.

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