



PERFORMANCE DATA SHEET
For Model No. ODAK500B and ODAK500C
Manufactured by Multi-Pure Drinking Water Systems for
ODAK Corporation

NSF/ANSI 53 - Health Effects



The ODAK500 has 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.

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 ⁷ to 10 ⁸ 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
CARBOFURON (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 m/L	99.95%
CYST (Giardia; Cryptosporidium; Entamoeba; Toxoplasma)	99.95%	Minimum 50,000 m/L	99.95%
2,4-D*	98%	0.110	0.0017
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-DICHLOROPROYLENE*	>99%	0.079	0.001
DINOSEB*	99%	0.17	0.0002
ENDRIN*	99%	0.053	0.00059
ETHYLBENZENE*	>99%	0.088	0.001

ETHYLENE DIBROMIDE (EDB)*	>99%	0.044	0.00002
HALOACETONITRILES (HAN)*			
BROMOCHLOROACETONITRILE	98%	0.022	0.0005
DIBROMOACETONITRILE	98%	0.024	0.0006
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
HEXACHLOROBTADIENE (Perchlorobutadiene)*	>98%	0.044	0.001
HEXACHLOROCYCLOPENTADIENE*	>99%	0.060	0.000002
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
MERCURY (pH 6.5)	>99%	0.006 +/- 10%	0.002
MERCURY (pH 8.5)	>99%	0.006 +/- 10%	0.002
METHOXYCHLOR*	>99%	0.050	0.0001
MTBE (methyl tert-butyl ether)	>96.6%	0.015 +/- 20%	0.005
POLYCHLORINATED BIPHENYLS (PCBs, Aroclor 1260)	>99.9%	0.01 +/- 10%	0.0005
PENTACHLOROPHENOL*	>99%	0.096	0.001
STYRENE (Vinylbenzene)*	>99%	0.15	0.0005
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
TIRBROMOACETIC ACID*		0.042	0.001
1,2,4 TRICHLOROBENZENE (Unsymtrichlorobenzene)*	>99%	0.160	0.0005
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
TRIHALOMETHANES (TTHM) (Chloroform; Bromoform; Bromodichloromethane; Dibromochloromethane)	>99.8%	0.300 +/- 0.30	0.015
TURBIDITY	>99%	11 +/- 1 NTU	0.5 NTU
XYLENES (TOTAL)*	>99%	0.070	0.001

**Percent reduction reflects actual performance of ODAK product as specifically tested (at 200% of capacity, i.e. 1500 gallons).

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 ODAK Systems actual rate of Chloroform was >99.8% as tested (at 200% of capacity).

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)
CHLOROMINE as Aesthetic Effect (as Monochloramine)	>99%	3.0 mg/L +/- 10%	0.5 mg/L
CHLORINE as Aesthetic Effect	99%	2.0 mg/L +/- 10%	> or = 50%
PARTICULATE (Nominal Particulate Reduction, Class 1, Particles 0.5 TO <1 UM)	Class 1>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.

Notes

1. ODAK Drinking Water Systems have been certified, as indicated, by NSF International for compliance to NSF/ANSI Standard Nos. 42 and 53.
2. Chloroform was used as a surrogate for claims of reduction of VOCs. ODAK 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.
3. **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.**
4. 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.
5. ODAK Drinking Water Systems are warranted for a period of 25 years. 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.
6. Please see the Owner's Manual for installation instructions and operating procedures.
7. Check for compliance with state and local laws and regulations.
8. While testing was performed under standard laboratory conditions, actual performance may vary.
9. The list of substances which the treatment device reduces does not necessarily mean that these substances are present in your tap water.

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