



Capability Statement

Summary

Since 1979, ODAK has been committed to being the industry leader of Residential, Commercial and Industrial Sub-Micron Drinking Water Filtration Systems.

We have provided thousands of units to homes, municipalities, public and private schools, Hospitals, and Universities.

What sets ODAK apart from the competition?

- ★ Our staff's commitment to excellence
- ★ Energy Efficient/ Environmentally friendly Green products
- ★ Virtually maintenance free
- ★ Extremely Cost effective solutions
- ★ Health benefits of an NSF certified sub-micron carbon filtered drinking water

Detailed Services

ODAK specializes in residential, commercial, and industrial 3 stage NSF certified sub-micron water filtration.

The ODAK500 water filtration system works by forcing the water through the pores of a densely compacted carbon block inside the stainless steel housing. The combination of mechanical filtration, electro-kinetic adsorption, and other physical/chemical adsorption, facilitates the removal of a wide variety of contaminants. The secret of the solid carbon block filter is its exclusive, compressed, activated carbon, triple filter cartridge, three filters in one unit. The first filter provides for pre-filtration to remove suspended particles, the second is a sub-micron filter for micro-organisms removal, and finally the high-tech compressed carbon matrix.

The ODAK500 Drinking Water Filters effectively reduce substances including particulate matter, lead, chlorine, certain pesticides, cysts (including cryptosporidium and giardia), trihalomethanes (THM's), turbidity, and VOC's (41 chemicals and pesticides) without removing healthy trace minerals.

ODAK's **Mobile Filtration Lab Unit** provides the necessary equipment to provide for flow measurement, chemical feed systems, carbon filtration, water conditioning, water softening, filtration and sub-micron filtration. The goal of the Mobile Filtration Units is to be able to treat any source water and make it suitable for consumption. The potential applications would be related to providing high quality potable water in the event of an emergency, such as a flood or power outage. These units can also be used for industrial and manufacturing applications to prepare large volumes of potable or pre-treated water for boilers and manufacturing.

The Mobile Filtration/Lab Unit has the capability of producing large quantities of high quality filtered water and houses the following treatment systems: carbon block filtration, granular activated carbon, mixed media filters for chlorine and lead removal, and ion exchange systems. Our demonstration unit can produce extremely high quality water at a rate of over 1200 gallons per hour. The Mobile Filtration/Lab Unit is also serviced by a state-of-the-art satellite communication system and the system can operate without an external power source.



Our Ownership and Sister Company:

Kentrel Corporation was founded in 1979 and specializes in providing professional services to the water industry. ODAK's sister company, Kentrel Corporation, provides technical assistance and service in the design and installation of water meters, water lines, and customized water treatment systems for industry. Kentrel Corporation also specializes in conducting and remediating backflow and cross-connection problems. Kentrel has installed over 1 million meters in its thirty year history and is currently working with Pennsylvania and New Jersey American Water and the NYC Department of Environmental Protection. Kentrel's partnership with ODAK adds additional financial stability and technical resources.

Our Equipment and Resources:

The ODAK500 Drinking Water Filtration System has been accepted for use aboard interstate carriers and is registered with the "International Association of Plumbers and Mechanical Officials." This water filter was tested by Independent Laboratories and is currently approved by Underwriters Laboratories. Our solid carbon block filter was subjected to over 16 months of rigorous testing. From the results of the testing, it was determined that our water filter can treat 750 gallons while removing contaminants as small as 1/2 (0.5) of a micron. The stainless steel housing has a 25 year warranty. Our water treatment units are exclusively designed to meet all of the U.S. Governments Interim Drinking Water Standards, and product construction is made entirely of F.D.A. approved material. All laboratory results are made available on demand.

Additional Information:

By choosing ODAK, you are choosing a healthy, **Green** alternative to bottled water. Our "bottle-less" units are extremely energy efficient, directly chilling water at the source, instead of constantly re-cooling the water. You also remove the burden and liability of replacing and cleaning water bottles. ODAK is the primary distributor for Cosmetal water chillers, water coolers and drinking water heaters. Cosmetal's reservoir free units, matched with ODAK solid carbon filtration assures the finest drinking water that can be offered. Our Cosmetal "Connect" coolers require only a single filter change annually*.

* ODAK filters are NSF certified for treatment of 750 gallons of water.

The average 5 gallon water bottle costs \$8.55 or \$1.71 per gallon.

$\$8.55 \times 150$ (5 gallon bottles) = **\$1,282.00 per cooler** for (750 gallons) annual water cost.

Bottled water: \$1282.00 x 12 coolers = \$15,384.00 annual cost

ODAK's k-500 filter costs \$54.99 (retail) which costs only \$0.08 per gallon.

$\$0.08$ per gallon x 750 gallons = **\$54.99 per cooler** for (750 gallons) annual water cost.

ODAK: \$54.99 x 12 coolers = \$659.88 annual cost

After your initial cooler investment- Based on 12 coolers, savings would be over

\$14,724.12 dollars per year.



Certifications

- ▲ NSF/ANSI 53 - Health Effects
- ▲ NSF/ANSI 42 - Aesthetic Effects

Clients

- ▲ University of Southern California
- ▲ U.S. National Guard
- ▲ Pride Mobility
- ▲ Entire PA Mid-Valley School District
- ▲ Sallie Mae
- ▲ Nobile Group
- ▲ Kane Freight
- ▲ Apple Hospitality
- ▲ Geisinger Hospital
- ▲ Mohegan Sun Casino
- ▲ Met Life Insurance
- ▲ Wilkes University
- ▲ Princeton University
- ▲ Guard Insurance Group

Contact Us

ODAK's home office is located at 820 Springbrook Ave, Moosic pa 18507. We encourage you to view our website @ www.ODAK.com.

If you have a question about prices, shipping and handling, including international shipments, or if you would like to purchase a product, please contact ODAK's National Sales Executives by calling (888) 901-ODAK.

ODAK Inc.

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Moosic PA 18507
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www.odak.com

ODAK K-500 Filter



ODAK Mobile Filtration Lab Unit



**ODAK "Connect"
Water cooler**





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-	>98%	0.04	0.001

Dichlorobenzene)*			
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
HEXACHLOROBUTADIENE (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.



There is a perception that bottled water is “safer than tap water;” however the standards for bottled water, established by the Food and Drug Administration, are very similar to the standards, set by the USEPA, for tap water. In fact, about 25% of bottled water is actually tap water that has been processed and repackaged. Bottled water is expensive; bottled-water prices average about \$2.84 per gallon. At that rate, 750 gallons of bottled water would cost \$2,132.82.



VS BOTTLED WATER COSTS

750 gallons of Bottled Water = \$2,132.82 annually
 750 gallons of 5 gallon bottled water = \$1,282 annually
 750 gallons of ODAK sub-micron filtered water = \$54.99 annually

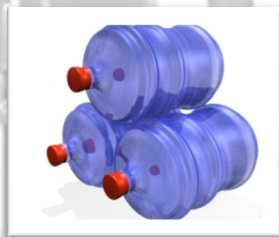
ODAK Drinking Water System
 Pitchers/Carafes
 Home Delivered Bottled Water
 Domestic “Purified” Bottled Water

Cost*per gallon
 8¢
 20¢
 \$1.71
 \$2.23

**Costs are averaged, based on several different brands of bottled water.*

Filtering your own water with a drinking water system is certainly a more economical solution.

Annual cost for 750 Gallons of Water



150 -5 GALLON BOTTLES
 Cost = \$1.71 per gallon
\$1,282 for 750 gallons



8,000 -12 OZ BOTTLES
 Cost = \$3.55 per gallon
\$2,662 for 750 gallons



12,000 -8 OZ BOTTLES
 Cost = \$7.48 per gallon
\$5,610 for 750 gallons



1 year ODAK replacement cartridge
 Cost = \$.08 per gallon
\$54.99 for 750 gallons

Visit our showroom: 820 Springbrook Ave Moosic PA 18507

Contact us Toll free: (888) 901 6325 (ODAK) and visit us at www.odak.com