

PERFORMANCE DATA SHEET

Drinking Water Filter with MACguard® Model 7500



IMPORTANT NOTICE—READ THIS PERFORMANCE DATA SHEET AND COMPARE THE CAPABILITIES OF THIS UNIT WITH YOUR ACTUAL WATER TREATMENT NEEDS. IT IS RECOMMENDED THAT BEFORE PURCHASING A WATER TREATMENT UNIT, YOU HAVE YOUR WATER SUPPLY TESTED TO DETERMINE YOUR ACTUAL WATER TREATMENT NEEDS.

CAUTION!

Do not use the Kinetico Drinking Water Filter with MACguard with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

IMPORTANT! The materials and components used in the construction of these units have been certified by WQA. No toxic substances, tastes, odors or colors will be imparted into the product water. The unit has been evaluated by WQA to perform as stated for its intended purpose when the manufacturer's installation, operational, maintenance and replacement instructions are followed. Testing was performed under standard laboratory conditions. Actual performance may vary.

INSTALLATION INSTRUCTIONS

Kinetico Drinking Water Filter Model 7500 functions in line with a single tap and is to be installed on the cold water feed line. It is recommended that only cold water be run through your filter system. Installation should comply with state and local laws and regulations. For more information, consult the installation instructions. Performance of the water treatment unit may vary based on local water conditions.

PERFORMANCE AND MAINTENANCE

Kinetico Drinking Water Filters with MACguard have been certified by WQA to automatically shut off after 500 gallons have been filtered by the system. The unit features MACguard, a unique shutoff mechanism that reduces the flow of water. To restore water service, replace the filter cartridge, which is available from your local authorized Kinetico dealer. Follow all sanitation procedures included with the replacement filter installation instructions.

NOTE: Wash your filter system with warm, soapy water only. Harsh or abrasive cleansers may scratch the outer cover.

SPECIFICATIONS

Replacement Component: Model 9308A - Aesthetic Chlorine, Taste and Odor, Lead, MTBE and VOC Cartridge

Service Flow Rate: 2.84 L/min (0.75 gallon per minute)

Capacity: 1,892 L (500 gallons per cartridge)

Min/Max Operating Temperature: 2°C - 38°C (35°F - 100°F)

Min/Max Operating Pressure: 137.9 kPa - 827.4 kPa (20 psig - 120 psig)



Kinetico Drinking Water Filter (Model 7500) with MACguard is Tested and Certified by WQA against NSF/ANSI Standard 42, 372 and CSA Standard B483.1. Model 7500 is also Tested and Certified against NSF/ANSI Standard 53. Model 7500 conforms to NSF/ANSI 53 for VOC reduction. See Performance Data Sheet for individual contaminants and reduction performance.

California Dept. of Public Health Certificate No. 06-1772 for Model 7500. **IMPORTANT NOTICE:** READ THE MANUFACTURER'S PERFORMANCE DATA SHEET for individual contaminants and reduction performance, conditions of use and health claims certified by the California Dept. of Public Health.

LIMITED WARRANTY
KINETICO DRINKING WATER FILTER WITH MACguard**ONE-YEAR LIMITED WARRANTY**

Your Kinetico Drinking Water Filter with MACguard is warranted against defects in materials and workmanship for the original owner for a period of one year from the date of purchase (filter cartridges are excluded). The Warranty does not include freight or labor charges. A formal copy of the warranty for Residential Applications is presented at the time of purchase. Please contact your local authorized Kinetico Dealer with any questions about the warranty, parts or service.

LIMITS ON THIS WARRANTY

This warranty does not cover products installed for commercial, industrial, institutional or multifamily applications. Periodic replacement of filter cartridges is part of the normal maintenance required by your system and is not covered under warranty. This warranty does not include damage to your system due to:

- Abuse, misuse or neglect
- Application under excessive water pressure (827.4 kPa or above [120 psig or above])
- Application to a water supply whose temperature falls outside of the system's operating specifications (2°C-38°C [35°F-100°F])
- Freezing, alterations or misapplication
- A change in the influent water characteristics
- Application on iron-bearing water
- Application on water containing suspended solids such as sand, silt or grit

Your equipment must be installed and operated in accordance with Kinetico recommendations, and applicable state and local codes.

NO OTHER WARRANTIES

There is no other express warranty. Implied warranties, including any warranty of merchantability or fitness for a particular purpose, are limited to the duration of this written warranty and are excluded to the extent permitted by law. There are no warranties other than those contained herein. In no event shall the company be liable for indirect, special or consequential damages in conjunction with the use of this system.

HOW STATE LAW RELATES TO THE WARRANTY

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damage, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

MODIFICATION OF THE WARRANTY

Kinetico does not authorize any other person to assume for Kinetico any other liability in connection with this product. A Kinetico dealer has no authority to make any representations on behalf of Kinetico or to modify the terms of Kinetico's warranty in any way.

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 leaving the system as specified in NSF/ANSI 42 and 53.

The following chart contains information based on WQA test results for the reduction of Aesthetic Chlorine, Lead, VOCs and MTBE:

- The percent of reduction that can be expected
- Conditions under which units were tested (pressure, pH and temperature)

SUBSTANCE	Test Pressure(psi)	Flow Rate (gpm)	Temperature (°F)	pH	Average Influent Level (mg/L)	Average Effluent Level (mg/L)	Maximum Effluent Level (mg/L)	Average Percent Reduction	Minimum Percent Reduction	USEPA MCL (mg/L)	Influent Challenge Concentration (mg/L)	Maximum Permissible Product Water Concentrations (mg/L)	Percent Reduction Requirement
Aesthetic Chlorine	60	0.75	68	7.48	2.1	0.05	0.07	97.6	97.6	—	2 ± 10%	—	≥ 50
MTBE	60	0.75	68	7.3	0.0146	0.0005	0.001	96.2	93.2	—	0.015 ± 20%	0.005	—
Lead 6.5	60	0.75	69.8	6.4	0.150	0.001	0.001	>99.3	99.3	—	0.15 ± 10%	0.010	—
Lead 8.5	60	0.75	68	8.5	0.146	0.002	0.001	99.3	99.3	—	0.15 ± 10%	0.010	—
VOCs*	60	0.75	68	7.39	0.319	0.0018	0.0087	99.5	97.3	—	—	—	≥ 95

- Influent and effluent levels of lead, VOCs and MTBE in test water
- Maximum Contaminant Level (MCL) for lead, VOCs and MTBE

SUBSTANCE:	Maximum Permissible Product Water Concentration (mg/L)	Influent Challenge Concentration (mg/L)
alachlor	0.001	0.050
atrazine	0.003	0.100
benzene	0.001	0.081
carbofuran	0.001	0.190
carbon tetrachloride	0.0018	0.078
chlorobenzene	0.001	0.077
chloropicrin	0.0002	0.015
2,4-D	0.0017	0.110
dibromochloropropane (DBCP)	0.00002	0.052
o-dichlorobenzene	0.001	0.080
p-dichlorobenzene	0.001	0.040
1,2 dichloroethane	0.0048	0.088
1,1-dichloroethylene	0.001	0.083
cis-1,2-dichloroethylene	0.0005	0.170
trans-1,2-dichloroethylene	0.001	0.086
1,2-dichloropropane	0.001	0.080
cis-1,3-dichloropropylene	0.001	0.079
dinoseb	0.0002	0.170
endrin	0.00059	0.053

(continued) SUBSTANCE	Maximum Permissible Product Water Concentration (mg/L)	Influent Challenge Concentration (mg/L)
ethylbenzene	0.001	0.088
ethylene dibromide (EDB)	0.00002	0.044
haloacetonitriles (HAN)		
bromochloroacetonitrile	0.0005	0.022
dibromoacetonitrile	0.0006	0.024
dichloroacetonitrile	0.0002	0.0096
trichloroacetonitrile	0.0003	0.015
haloketones (HK)		
1,1-dichloro-2-propanone	0.0001	0.0072
1,1,1-trichloro-2-propanone	0.0003	0.0082
heptachlor	0.00001	0.25
heptachlor epoxide	0.0002	0.0107
hexachlorobutadiene	0.001	0.044
hexachlorocyclopentadiene	0.000002	0.060
lindane	0.00001	0.055
methoxychlor	0.0001	0.050
pentachlorophenol	0.001	0.096
simazine	0.004	0.120
styrene	0.0005	0.150
1,1,2,2-tetrachloroethane	0.001	0.081
tetrachloroethylene	0.001	0.081
tolulene	0.001	0.078
2,4,5-TP (silvex)	0.0016	0.270
tribromoacetic acid	0.001	0.042
1,2,4,-trichlorobenzene	0.0005	0.160
1,1,1-trichloroethane	0.0046	0.084
1,1,2-trichloroethane	0.0005	0.150
trichloroethylene	0.0010	0.180
trihalomethanes (includes):		
chloroform (surrogate chemical)		
bromoform	0.015	0.300
bromodichloromethane		
chlorodibromomethane		
xylenes (total)	0.001	0.070

*Chloroform was used as a surrogate for these chemicals per NSF/ANSI Standards 53.

Kinetico Drinking Water Filters (Model 7500 with MACguard) will reduce the levels of certain substances in drinking water. These substances are not necessarily in your water. Because we make these claims, the attached information was compiled to help you better understand how these products will perform in your home.

These products conform to the Drinking Water Standards of your state. If you would like more information, contact your authorized Kinetico Dealer.

Please sign below to verify that you've read and understand the attached information.

DEALER COPY

CONSUMER
_____ Signature
_____ Name (please print)
_____ Address
_____ City, State, Postal Code

AUTHORIZED KINETICO DEALER REPRESENTATIVE
_____ Signature
_____ Salesperson's Name (please print)
_____ Dealer's Name
_____ Dealer's Address
_____ City, State, Postal Code
_____ Dealer's Phone Number

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