Kinetico®

DRINKING WATER SYSTEMS

Compare Your Options.

Kinetico K5
Drinking Water Station®

AquaKinetic® A200
Drinking Water System

MACguard®
Models 7000 & 7500

	K5	A200	Model 7000	Model 7500
CONTAMINANT REDUCTION*				
Limescale (hard minerals)	✓	✓		
98% of contaminants	✓	✓		
VOCs (with VOC filter)	✓			✓
MTBEs	✓			✓
Taste & Odor	✓	✓	✓	✓
Chlorine	✓	✓	✓	✓
Sediment	✓	✓	✓	✓
Heavy Metal (such as lead)	✓	✓		✓
PFOS/PFOA	✓			
FEATURES				
PureMometer®	✓		✓	✓
MACguard® Shut off	✓		✓	✓
EverClean®	✓			
Water On Water Storage Tank Option	✓			
Air Charge Storage Tank Option	✓	✓		
Standard Lead Free Tap		✓	✓	✓
Designer Lead Free Tap	✓			

*The contaminants listed may not be present in your water supply.

REVERSE OSMOSIS SYSTEMS

Reduction Rates

Kinetico® water systems

CONTAMINANT REDUCTION CAPABILITIES

Important Notice: Please note that the contaminants listed below are not necessarily in your water and that while testing was performed under standard laboratory conditions, actual performance may vary. It is recommended that before purchasing a water treatment unit, the water supply is tested to determine actual water treatment needs. Kinetico reserves the right to amend details/specification without notice.

KINETICO K5 DRINKING WATER STATION®

Name	Reduction %	Name	Reduction %
Pentavalent Arsenic	99.6	MTBE (with VOC Filter)	93.5
Barium	99.8	Radium 226/228	99.8
Hexavalent Chromium	95.8	Selenium	98.9
Trivalent Chromium	99.3	Lead	99.3
Cadmium	97.8	Cyst (3–4 micron)	>99.9
Aesthetic Chlorine	99.0	Turbidity	99.0
Copper	99.1	† VOCs (with VOC Filter)	99.3
Flouride	87.6	PFOS/PFOA	99.0

Typical average reduction rates for thin film membranes. All results are averaged from actual tests performed on water at 60 psi and 77°F.

VOC reduction (with VOC filter) is available with the K5 Drinking Water Station, not the AquaKinetic A200 DWS.

† VOCs INCLUDE	% Reduction	† VOCs INCLUDE	% Reduction	† VOCs INCLUDE	% Reduction
alachlor	>98	endrin	99	simazine	>97
atrazine	>97	ethylbenzene	>99	styrene	>99
benzene	>99	ethylene dibromide (EDB)	>99	1, 1, 2, 2-tetrachloroethane	>99
carbofuran	>99	haloacetonitriles (HAN)		tetrachloroethylene	>99
carbon tetrachloride	98	bromochloroacetonitrile	98	toluene	>99
chlorobenzene	>99	dibromoacetonitrile	98	2, 4, 5-TP (silvex)	99
chloropicrin	99	dichloroacetonitrile	98	tribromoacetic acid	>98
2, 4–D	98	trichloroacetonitrile	98	1, 2, 4-trichlorobenzene	>99
dibromochloropropane (DBCP)	>99	haloketones (HK)		1, 1, 1-trichloroethane	95
o-dichlorobenzene	>99	1, 1-dichloro-2-propanone	99	1, 1, 2-trichloroethane	>99
p-dichlorobenzene	>98	1, 1, 1-trichloro-2-propanone	96	trichloroethylene	>99
1, 2-dichloroethane	95	heptachlor	>99	trihalomethanes (TTHM)	
1, 1-dichloroethylene	>99	heptachlor epoxide	98	bromodichloromethane	95
cis-1,2-dichloroethylene	>99	hexachlorobutadiene	>98	bromoform	95
trans-1,2-dichloroethylene	>99	hexachlorocyclopentadiene	>99	chlorodibromomethane	95
1, 2-dichloropropane	>99	lindane	>99	chloroform	95
cis-1, 3-dichloropropylene	>99	methoxychlor	>99	xylenes	>99
dinoseb	99	pentachlorophenol	>99		

AQUAKINETIC® A200 Drinking Water System

Name	Reduction %	Name	Reduction %
Pentavalent Arsenic	99.7	Flouride	95.9
Barium	98.7	Radium 226/228	80.0
Hexavalent Chromium	98.0	Selenium	99.0
Trivalent Chromium	99.0	Lead	97.3
Cadmium	99.7	TDS	92.4
Aesthetic Chlorine	97.2	Cyst (3–4 micron)	>99.99
Copper	98.7	Turbidity	99.8

Typical average reduction rates for thin film membranes. All results are averaged from actual tests performed on water at 60 psi and 77°F.

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The Kinetico K5 Drinking Water Station is tested and certified by WQA against the requirements of NSF/ANSI Standard 42 for the reduction of aesthetic chlorine, taste and odor, Standard 53 for reduction of MTBE, and Standard 58 for the reduction of pentavalent arsenic, barium, raduim 226/228, cadmium, VOC, copper, cysts (including oocysts of cryptosporidium and cysts of giardia and entamoeba), fluoride, hexavalent chromium, lead, nitrate/nitrite (with test kit Part No. 7329), selenium, TDS, trivalent chromium, turbidity and PFOS/PFOA. (See performance data sheet for individual contaminants and reduction performance.) 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. The Kinetico K5 Drinking Water Station is acceptable for treatment of influent concentrations of no more than 27 mg/L nitrate and 3 mg/L nitrite in combination measured as N and are certified for nitrate/nitrite reduction only for water supplies with a pressure of 280 kPa (40 psi) or greater. WQA certified our product performance, and reviewed our manufacturing facility and procedures to assure product consistency and integrity. They also assure that our literature accurately reflects our product capabilities. The system and installation must comply with state/provincial and local laws and regulations.

The K5 system with the Purefecta Virus/Bacteria Guard cartridge is Tested and Certified by WQA against NSF P231-Microbiological Water Purifiers based on the recommendations set forth in the USEPA Guide Standard and Protocol for Microbiological Water Purifiers (OPP Task Force Report, 1987). The K5 with the Purefecta cartridge is not intended to convert wastewater or raw sewage into drinking water.

Conforms to NSF/ANSI 58 for pentavalent arsenic reduction. See performance data sheet and Arsenic facts sheet section for an explanation of reduction performance. Also conforms to CSA Standard B483.1—Drinking Water Treatment Systems.

The AquaKinetic® A200 Drinking Water System is tested and certified by WQA against the requirements of NSF/ANSI Standard 58 for the reduction of pentavalent arsenic, barium, cadmium, hexavalent chromium, trivalent chromium, copper, cyst, flouride, lead, radium 226/228, selenium, TDS and turbidity. In addition, the A200 is tested and certified by WQA against the requirements of NSF/ANSI Standard 42 for the reduction of aesthetic chlorine, taste and odor. Also conforms to CSA Standard B483.1—Drinking Water Treatment Systems.

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