

## DRINKING WATER SYSTEMS



K5  
Drinking Water  
Station



AquaKinetic<sup>®</sup> A200  
Drinking Water  
System



MACguard<sup>®</sup>  
Models 7000 & 7500



Kineticco Scale Reducing  
Drinking Water Filter  
Model 9000

	K5	A200	Model 7000	Model 7500	Model 9000
<b>Contaminant Reduction*</b>					
Limescale (hard minerals)	✓	✓			✓
98% of contaminants	✓	✓			
VOC's	✓			✓	
MTBE's	✓			✓	
Taste & Odor	✓	✓	✓	✓	✓
Chlorine	✓	✓	✓	✓	✓
Sediment	✓	✓	✓	✓	✓
Heavy Metal (such as lead)	✓	✓		✓	
<b>Features</b>					
PureMometer <sup>®</sup>	✓		✓	✓	
MACguard <sup>®</sup>	✓		✓	✓	
Everclean <sup>®</sup> Rinse	✓				
WOW Storage Tank Option	✓				
Air Charge Storage Tank Option	✓	✓			
Standard Lead Free Tap	✓	✓	✓	✓	✓
Luxury Lead Free Tap	✓				

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

# Reverse Osmosis Systems

## Reduction Rates



### 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. Kinetic reserves the right to amend details/specification without notice.

K5 Drinking Water Station		AquaKinetic® A200 DWS	
Name	Reduction %	Name	Reduction %
Pentavalent Arsenic	99.3	Pentavalent Arsenic	99.7
Barium	98.5	Barium	98.7
Hexavalent Chromium	97.7	Hexavalent Chromium	98.0
Trivalent Chromium	99.0	Trivalent Chromium	99.0
Cadmium	98.1	Cadmium	99.7
Aesthetic Chlorine	97.3	Aesthetic Chlorine	97.2
Copper	98.7	Copper	98.7
Flouride	95.5	Flouride	96.4
MTBE	94.6	Radium 226/228	80.0
Radium 226/228	80.0	Selenium	99.0
Selenium	>94.0	Lead	97.3
Lead	98.1	TDS	92.4
Cyst (3-4 micron)	>99.9	Cyst (3-4 micron)	>99.99
Turbidity	99.3	Turbidity	99.8
*VOCs (with VOC Filter)	99.5		

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

*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		



The Kinetic 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, radium 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 and turbidity. (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 Kinetic 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 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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