

# PERFORMANCE DATA SHEET

## Upflow Dechlorinators



The Kinetico Dechlorinators reduce free chlorine to less than 0.05 mg/L when operated in accordance with the operating instructions. These systems are designed to operate in an upflow mode. This configuration allows each unit to run in service without the need for a backwash cycle.

Do not use on water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

The systems conform to NSF/ANSI 42 for the specific claims as verified and substantiated by test data.

The systems have been tested according to NSF/ANSI 42 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.

## SPECIFICATIONS

Model:	1030	1060	1100	1175
Service Flow Rate (gpm):	9.0	11.0	12.0	12.0
Activated Carbon Media per Tank (ft <sup>3</sup> ):	0.40 (14 lbs.)	0.75 (25 lbs.)	1.4 (50 lbs.)	2.0 (70 lbs.)
Gravel Under-bedding	None	None	0.14 ft <sup>3</sup> (14 lbs.)	0.25 ft <sup>3</sup> (25 lbs.)
Min./Max. Operating Pressure (psi):	15 – 125	15 – 125	15 – 125	15 – 125
Min./Max. Operating Temperature:	35° – 120°F	35° – 120°F	35° – 120°F	35° – 120°F
pH Range:	5 – 10 SU	5 – 10 SU	5 – 10 SU	5 – 10 SU
Free Chlorine Cl <sub>2</sub> (Max.)	2.0 mg/L	2.0 mg/L	2.0 mg/L	2.0 mg/L

## PERFORMANCE

Model:	1030	1060	1100	1175
Pressure Drop (psi):	6	8	9	5
Average Influent (ppm):	2.04	2.04	2.07	2.07
Average Effluent (ppm):	0.64	0.64	0.09	0.09
Average Reduction %	68.8	68.8	95.5	95.5
Rated Capacity / Service Life (gal):	60,000	112,000	250,000	357,000

**NOTE:** While testing was performed under standard laboratory conditions, actual performance may vary.

The substances reduced by these systems are not necessarily in your water.

These systems must be maintained in accordance with the maintenance instructions.

(See manual for general installation conditions and needs, operation and maintenance requirements, replacement component availability and manufacturer's limited warranty.)

## WARRANTY COVERAGE

The Kinetico Dechlorinators carry a limited manufacturer's warranty. The warranty covers the parts of the Kinetico dechlorinators for ten years. For complete details, see the actual warranty. The warranty will be void if influent water conditions exceed those in the system.



Kinetico Dechlorinators have been Tested and Certified by the Water Quality Association (WQA) according to NSF/ANSI 42 for the reduction of Chlorine. They have also been certified to NSF/ANSI 372, Drinking Water System – Lead Content and the CSA Standard B483.1 – Drinking Water Treatment Systems.