

# PERFORMANCE DATA SHEET

## Upflow Dechlorinators



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

### SPECIFICATIONS

Model:	1030	1060	1100	1175
<b>Service Flow Rate:</b>	9.0 gpm	11.0 gpm	12.0 gpm	12.0 gpm
<b>Activated Carbon Media per Tank:</b>	0.40 ft <sup>3</sup> (14 lbs.)	0.75 ft <sup>3</sup> (25 lbs.)	1.40 ft <sup>3</sup> (50 lbs.)	2.0 ft <sup>3</sup> (70 lbs.)
<b>Gravel Under-bedding</b>	None	None	0.14 ft <sup>3</sup> (14 lbs.)	0.25 ft <sup>3</sup> (25 lbs.)
<b>Min./Max. Operating Pressure:</b>	15 - 125 psi (103.4-861.9 kPa)	15 - 125 psi (103.4-861.9 kPa)	15 - 125 psi (103.4-861.9 kPa)	15 - 125 psi (103.4-861.9 kPa)
<b>Min./Max. Operating Temperature:</b>	35° - 120°F (2°-49°C)	35° - 120°F (2°-49°C)	35° - 120°F (2°-49°C)	35° - 120°F (2°-49°C)
<b>pH Range:</b>	5 - 10 SU	5 - 10 SU	5 - 10 SU	5 - 10 SU
<b>Free Chlorine Cl<sub>2</sub> (Max.)</b>	4.0 mg/L	4.0 mg/L	4.0 mg/L	4.0 mg/L

### PERFORMANCE

#### *Estimated Carbon Effectiveness*

Inlet Free Cl <sub>2</sub>	Model 1030	Model 1060	Model 1100	Model 1175	Time
0.25 mg/L	250,000 gallons	450,000 gallons	625,000 gallons	812,000 gallons	36 months
0.5 mg/L	150,000 gallons	285,000 gallons	375,000 gallons	487,000 gallons	24 months
1.0 mg/L	100,000 gallons	185,000 gallons	250,000 gallons	325,000 gallons	18 months
1.5 mg/L	65,000 gallons	120,000 gallons	162,000 gallons	211,000 gallons	15 months
2.0 mg/L	40,000 gallons	75,000 gallons	100,000 gallons	130,000 gallons	12 months
3.0 mg/L	20,000 gallons	37,000 gallons	50,000 gallons	65,000 gallons	6 months
4.0 mg/L	10,000 gallons	19,000 gallons	25,000 gallons	32,000 gallons	3 months

