Bello Zon® Series

Safe! On-site Chlorine Dioxide (ClO₂) Generation

Chlorine Dioxide is an environmentally friendly, economical, and highly effective disinfectant and oxidant. Chlorine Dioxide offers (compared to widely used Chlorine) a large range of advantages for the disinfection of drinking and process waters.

ProMinent Bello Zon® generators provide reliable and maintenance-reduced production and metering of chlorine dioxide under the highest safety standards. Optimally tuned systems for water disinfection can be designed with Dulcometer®/Dulcotest® analyzers for corresponding measurement or control technology.

Features & Benefits

- More than 30 years of experience with ClO₂
- More than 5000 units installed globally!
- Safe, on-site generation: No need to store or transport dangerous chemical disinfectants!
- Proven two-chemical design: Hydrochloric acid and Sodium chlorite - chlorine free operation
- Flow proportional generation allows operator to dial in required feed rate in ppm
- New PVDF Reactor
- Safety features provide automatic generator shutdown upon alarm condition
- Integrated PID Control
- Data Logger and Screen Recorder
- Direct Monitoring of ClO₂ and Chlorite

Applications

- Disinfection
- Odor removal
- Municipal drinking water
- Legionella control
- Industrial wastewater treatment
- Metal oxidation
- Bottle Washing
- CIP Systems
- Cooling Towers
- Vegetable and Fruit Washing
### Chlorine Dioxide Capacity data

#### CDV Models

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity (lbs/day)</th>
<th>Max (psi)</th>
<th>*Chemical Usage (gal/day)</th>
<th>Temp (°F)</th>
<th>Dimensions (HxWxD)</th>
<th>Weight (lbs)</th>
<th>Voltage</th>
<th>Current Draw (amps)</th>
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<tbody>
<tr>
<td>CDVc 20</td>
<td>1.1</td>
<td>116</td>
<td>3.2</td>
<td>50-104</td>
<td>53”x40”x8”</td>
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#### CDK Models

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<th>Capacity (lbs/day)</th>
<th>Max (psi)</th>
<th>*Chemical Usage (gal/day)</th>
<th>Temp (°F)</th>
<th>Dimensions (HxWxD)</th>
<th>Weight (lbs)</th>
<th>Voltage</th>
<th>Current Draw (amps)</th>
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*Volumes are for both precursors

### Designs to Fit Your Application

**Bello Zon® CDVc 20-240**
Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.25 lbs/day to 13 lbs/day

**Bello Zon® CDVc 600-2000**
Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.75 lbs/day to 106 lbs/day

**Bello Zon® CDKc**
Precursors: 30-33% HCl and 25% Sodium Chlorite
Capacity Range: 9 lbs/day to 396 lbs/day