

chlorine free ClO_2

ProMinent® Bello Zon® Series

Experts in Chemical Feed and Water Treatment

ProMinent®

Safe! On-site Chlorine Dioxide (ClO_2) generation

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

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



ProMinent® Bello Zon® CDVc

Features and benefits

- More than 30 years experience with ClO_2
- 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
- Flow proportional generation allows operator to dial in required feed rate in ppm
- New PVDF Reactor
- Motorized Pump Stroke Length
- Safety features provide automatic generator shutdown upon alarm condition
- Integrated PID Control
- Data Logger and Screen Recorder
- Direct Monitoring of ClO_2 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

ProMinent® Bello Zon® Series

Experts in Chemical Feed and Water Treatment

Chlorine Dioxide Capacity data

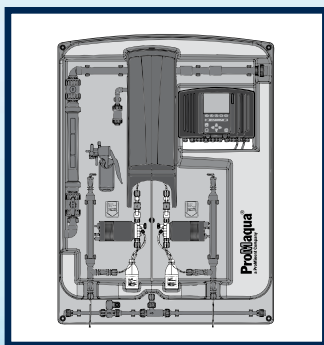
CDV Models

Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (gal/day)	Temp (°F)	Dimensions (HxWxD)	Weight (lbs)	Voltage	Current Draw (amps)
CDVc 20	1.1	116	2.4	50-104	53"x40"x8"	57	115	1
CDVc 45	2.3	116	7.3	50-104	53"x40"x8"	59	115	1
CDVc 120	7	116	21	50-104	53"x40"x8"	62	115	1
CDVc 240	13	116	36	50-104	53"x39"x10"	99	115	1.2
CDVc 600	32	116	95	60-104	67"x47"x11"	165	115	1.4
CDVc 2000	106	73	317	60-104	75"x55"x15"	264	115	3.2

CDK Models

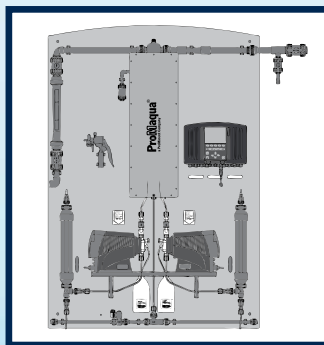
Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (gal/day)	Temp (°F)	Dimensions (HxWxD)	Weight (lbs)	Voltage	Current Draw (amps)
CDKa 150	8	145	6.3	50-104	53"x37"x15"	132	115	9.5
CDKa 420	23	116	18.4	60-104	53"x37"x15"	136	115	5.1
CDKa 750	40	116	32	60-104	64"x44"x16"	181	115	13.8
CDKa 1500	79	102	63	60-104	73"x52"x17"	298	115	12.8
CDKa 6000	312	29	247	60-104	120"x60"x19"	924	115	6.7
CDKa 10000	519	29	418	60-104	120"x60"x19"	990	115	6.7

Designs to Fit Your Application



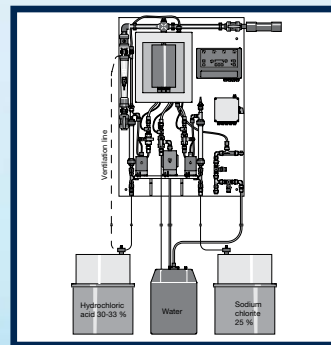
BelloZon CDVc 20-240

Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.25 lbs/day to 13 lbs/day



BelloZon CDVc 600-2000

Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.75 lbs/day to 105 lbs/day



BelloZon CDKa

Precursors: 30-33% HCl and 25% Sodium Chlorite
Capacity Range: 8 lbs/day to 518 lbs/day

ProMinent Fluid Controls, Inc. (US)

136 Industry Drive,
Pittsburgh, PA 15275-1014
Tel: (412) 787-2484
Fax: (412) 787-0704
eMail: sales@prominent.us
www.prominent.us

ProMinent Fluid Controls Ltd. (Canada)

490 Southgate Drive,
Guelph, ON N1G 4P5
Tel: 1-888-709-9933 | (519) 836-5692
Fax: (519) 836-5226
eMail: sales@prominent.ca
www.prominent.ca

ProMinent®