

Bello Zon® Series

“Chlorine-Free” 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.

Applications Specific Solutions

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



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

Chlorine Dioxide Capacity data

CDV Models

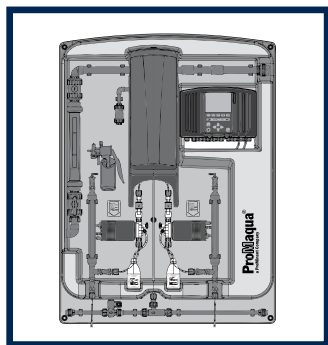
Model	Capacity (Lbs/day)	Max (psi)	*Chemical Usage (gal/day)	Temp (°F)	Dimensions (HxWxD)	Weight (lbs)	Voltage	Current Draw (amps)
CDVc 20	1.1	116	3.2	50-104	53"x40"x8"	57	115	1
CDVc 45	2.3	116	7.1	50-104	53"x40"x8"	59	115	1
CDVc 120	7	116	19	50-104	53"x40"x8"	62	115	1
CDVc 240	13	116	38	50-104	53"x39"x10"	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)
CDKc 170	9	116	7.1	50-104	55"x43"x13"	121	115	9.5
CDKc 420	23	116	17.8	60-104	67"x43"x18"	176	115	5.1
CDKc 900	48	116	38	60-104	79"x44"x20"	209	115	13.8
CDKc 2100	111	73	88.8	60-104	79"x52"x22"	352	115	12.8
CDKc 3000	159	73	126.8	60-104	79"x52"x22"	924	115	6.7
CDKc 7500	396	44	317	60-104	91"x59"x22"	385	115	6.7
CDKc 12000	634	29	507	64-104	91"x59"x22"	397	115	6.7

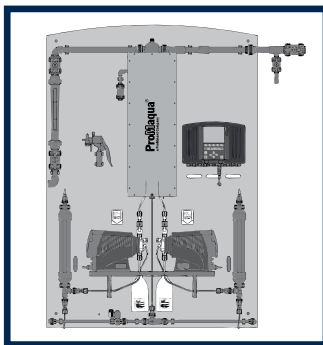
*Volumes are for both precursors

Designs to Fit Your Application



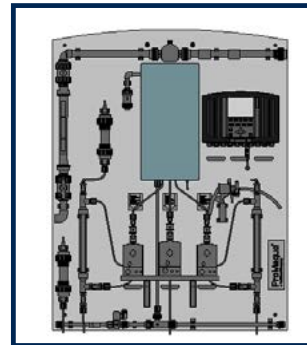
Bello Zon® CDVc 20-240

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 634 lbs/day