

▶ chlorine free ClO_2 at 2%

ProMinent® Bello Zon® Series

Experts in Chem-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.

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
- No formation of THM's or chlorophenols
- No pH concerns
- Safety features provide automatic generator shutdown upon alarm condition
- ClO_2 yield greater than 90%



ProMinent® Bello Zon® CDVb

Applications

- Disinfection
- Odor removal
- Municipal drinking water
- Legionella control
- Industrial wastewater treatment
- Metal oxidation

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Capacity data

CDV Models

Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (gal/day)	Temp (°F)	Dimensions (HxWxD)	Weight (lbs)	Voltage	Current Draw (amps)
CDVb 15	0.75	145	2.43	40-104	44"x36"x8"	42	115	3
CDVb 35	2.43	145	7.29	40-104	44"x36"x8"	42	115	3
CDVb 60	3.49	116	10.46	40-104	44"x36"x8"	42	115	3
CDVb120	6.87	116	20.61	60-104	44"x36"x8"	42	115	3
CDVb 220	11.89	145	35.67	40-104	53"x38"x15"	122	115	12.2
CDVa 400	21.15	145	63.41	40-104	53"x38"x15"	123	115	12.2
CDVa 600	31.72	116	95.11	60-104	53"x38"x15"	126	115	3.4
CDVa 2000	105.72	102	317	60-104	73"x52"x17"	298	115	6.8

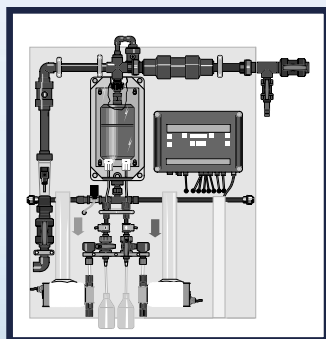
CDK Models

Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (gal/day)	Temp (°F)	Dimensions (HxWxD)	Weight (lbs)	Voltage	Current Draw (amps)
CDK 150	7.93	145	6.34	50-104	53"x37"x15"	121	115	9.5
CDK 420	22.64	116	18.39	60-104	53"x37"x15"	126	115	5.1
CDK 750	39.65	116	31.7	60-104	64"x44"x16"	181	115	13.8
CDK 1500	79.34	102	63.4	60-104	73"x52"x17"	298	115	12.8
CDK 6000	312.23	72	247.26	60-104	120"x60"x19"	661	115	6.7
CDK 10000	518.62	29	418.44	60-104	120"x60"x19"	705	115	6.7

Models (Legio Zon®)

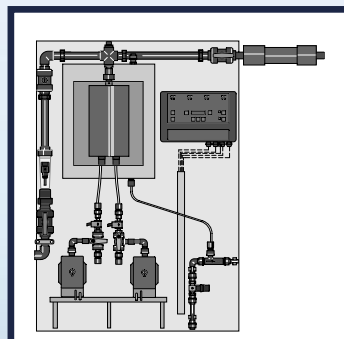
Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (gal/day)	Temp (°F)	Dimensions (HxWxD)	Weight (lbs)	Voltage	Current Draw (amps)
Legio Zon®	0.25	145	0.8 (NaOCl), 2 (HCl)	50 - 104	26" x 22" x 12"	53	115	-

Designs



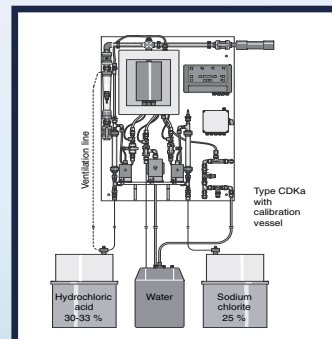
BelloZon CDVb 15-120

Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.25 lbs/day
Dimensions: 30"H x 30"W x 12"D



BelloZon CDV 220-2000

Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.75 lbs/day to 105 lbs/day
Dimensions: 44"H x 37"W to 72"H x 52"W



BelloZon CDKa

Precursors: 30-33% HCl and 25% Sodium Chlorite
Capacity Range: 8 lbs/day to 518 lbs/day
Dimensions: 53"H x 38"W to 10'H x 5'W

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