

ProMinent® *BelloZon Series*

Chlorine Dioxide Generators

Disinfection with Chlorine Dioxide

Generating high efficiency yeids between 90 - 95%

Description

Chlorine dioxide is an extremely reactive gas that - being unstable and not storable - must be generated in on-site generating plants. 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 thus be designed with DULCOMETER® /DULCOTEST® and the corresponding measuring and control technology.



ProMinent® BelloZon CDVb

Benefits

- More than 30 years of experience with **Chlorine Dioxide**
- More than **5000** units supplied **Globally**
- Applications include: **Brewing, Fruit and Vegetable, Cooling Towers, Municipal Potable water, Hospitals**
- Safety comes first!

Design Characteristics

- Proven two-chemical design: **Hydrochloric Acid and Sodium Chlorite**
- Produces Chlorine free ClO₂ at 2% concentration.
- Acidic process to ensure Chlorite is reacted.
- Efficiency as high 92%
- Wall or trolley mountable
- Flow proportional generation allows operator to dial in required feed rate in ppm
- Safety features: flow switch on water line, level switches in tanks, flow monitors for each pump, air purging of mixing chamber, color coding of equipment
- All alarms shut down the generation process

ProMinent® BelloZon Series

Chlorine Dioxide Generators

Technical Data: gamma/L

CDV Models

Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (aod)	Temp (F)	Dimensions (HxWxD)	Weight (lbs)	Current Draw (amps)
CDV15	0.75	145	2.43	40-104	44"x36"x8"	42	3
CDV35	2.43	145	7.29	40-104	44"x36"x8"	42	3
CDV60	3.49	116	10.46	40-104	44"x36"x8"	42	3
CDV120	6.87	116	20.61	60-104	44"x36"x8"	42	3
CDV220	11.89	145	35.67	40-104	53"x38"x15"	122	12.2
CDV400	21.15	145	63.41	40-104	53"x38"x15"	123	12.2
CDV600	31.72	116	95.11	60-104	53"x38"x15"	126	3.4
CDV2000	105.72	102	317	60-104	73"x52"x17"	298	6.8

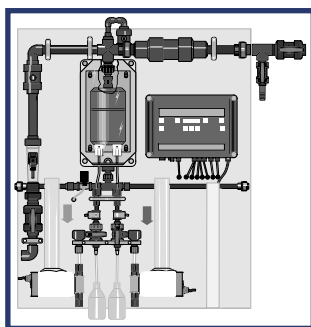
CDK Models

Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (aod)	Temp (F)	Dimensions (HxWxD)	Weight (lbs)	Current Draw (amps)
CDK150	7.93	145	6.34	50-104	53"x37"x15"	121	9.5
CDK420	22.64	116	18.39	60-104	53"x37"x15"	126	5.1
CDK750	39.65	116	31.7	60-104	64"x44"x16"	181	13.8
CDK1500	79.34	102	63.4	60-104	73"x52"x17"	298	12.8
CDK6000	312.23	72	247.26	60-104	120"x60"x19"	661	6.7
CDK10000	518.62	29	418.44	60-104	120"x60"x19"	705	6.7

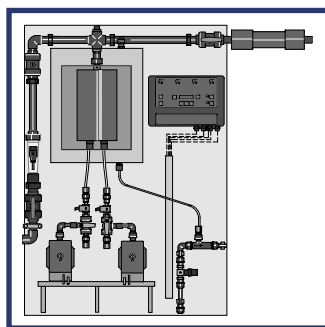
Legio Zon Model

Model	Capacity (Lbs/day)	Max (psi)	Chemical Usage (aod)	Temp (F)	Dimensions (HxWxD)	Weight (lbs)	Current Draw (amps)
	0.25			50-104	30"x30"x12"		

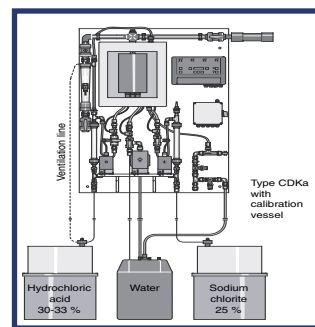
Designs



BelloZon CDVb 15-20
Precursors: 9% HCl and 7.5% Sodium Chlorite
Capacity Range: 0.25 lbs/day
Dimensions: 30"H x 30"W x 12"D



BelloZon CDVb 220-600
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

ProMinent Fluid Controls, Inc. (USA)
136 Industry Drive
Pittsburgh, PA 15275
Tel: (412) 787-2484
Fax: (412) 787-0704

ProMinent Fluid Controls Ltd. (Canada)
490 Southgate Drive
Guelph, Ontario N1G 4P5
Tel: (519) 836-5692
Fax: (519) 836-5226

Please visit us on the web
www.prominent.us
(Canada) www.prominent.ca

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