

# Bello Zon Series

## “Chlorine-Free” Chlorine Dioxide (ClO<sub>2</sub>) Generation



Bello Zon CDVd

*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/AEGIS II/Dulcotest analyzers** for corresponding measurement or control technology.

### Features & Benefits

- 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 with optional flow meter
- PVDF Reactor
- Safety features provide automatic generator shutdown upon alarm condition
- New touch screen HMI and PLC
- Data and event logging on SD card via DACb
- Four analog inputs, 2 analog outputs
- Ask about our DAC or AEGIS II controllers for ClO<sub>2</sub> or chlorite measurements
- Optional PROFIBUS and other MODBUS communications

### Applications

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

# Bello Zon Series

## Technical data

Capacity Data								
Model	Capacity	Max Pressure	Chemical Usage*	Temp	Dimensions (H x W x D)	Weight	Voltage	Current Draw
	g/d	PSIG	gal/day	°F	Inches	lbs	V	A
<b>CDVd</b>								
CDVd 45	16	116	7.1	50-104	51 x 40 x 10	122	115	1.6
CDVd 120	40	116	19	50-104	51 x 40 x 10	122	115	1.6
CDVd 240	80	116	38	50-104	51 x 40 x 10	130	115	1.8
CDVd 600	140	116	95	59-104	60 x 46 x 10	185	115	1.9
CDVd 2000	468	73	317	59-104	79 x 52 x 12	285	115	2.6
<b>CDKd</b>								
CDKd 150	56	116	43	50-104	51 x 40 x 10	196	115	1.7
CDKd 400	140	116	120	50-104	66 x 36 x 18	263	115	1.8
CDKd 900	300	116	310	50-104	76 x 36 x 21	289	115	2.3
CDKd 2000	700	73	864	50-104	74 x 52 x 22	443	115	3.7
CDKd 2800	700	73	864	59-104	74 x 52 x 23	443	115	3.7
CDKd 7300	1,750	44	2314	59-104	89 x 73 x 20	476	115	8.6
CDKd 12000	1,750	29	4248	59-104	89 x 73 x 20	476	115	8.6

\*Volumes are total of each precursor



© 2020 ProMinent Fluid Controls, Inc. All Rights Reserved. PN: 7750236 BelloZon\_CDVd\_CDKd.indd rev1 05/13/2020

**ProMinent**  
**ProMinent Fluid Controls, Inc. (USA)**  
 136 Industry Drive • Pittsburgh, PA 15275  
 (412) 787-2484 • email: sales@prominent.us  
[www.prominent.us](http://www.prominent.us)

**ProMinent Fluid Controls, Ltd. (Canada)**  
 490 Southgate Drive • Guelph, N1G 4P5  
 (519) 836-5692 • Fax: (519) 836-5226 • Toll Free 1-888-709-9933  
 email: sales@prominent.ca • [www.prominent.com](http://www.prominent.com)