

Bello Zon® CDLb

Chlorine dioxide system

Efficient and reliable in batch operation.

Depending on the type of system, up to 120 g of chlorine dioxide is produced an hour and put into intermediate storage in a concentration of 1,000 or 2,000 mg/l. The outstanding stability of the chlorine dioxide solution generated allows the system to remain switched off for several days without any noticeable loss of activity.

The system meets the high standards stipulated in data sheets W 224 and W 624 published by the German Association for Gas and Water (DVGW).

- Excellent operational safety due to intrinsically safe process control
- High degree of stability of the chlorine dioxide solution
- No ClO₂ loss due to closed gas supply
- Economical operation due to minimal use of chemicals
- Minimal investment costs
- Mainly used for preventing Legionnaire's disease as well as a disinfectant in the food and beverage industry



Preparation capacity

Back pressure

	g/h	mg/l	l/h	bar	H x W x D (mm)
CDLb 6	6	1,000	8	7	1,236 x 878 x 306
CDLb 12	12	2,000	8	7	1,236 x 878 x 306
CDLb 22	22	2,000	13	7	1,236 x 878 x 306
CDLb 55	55	2,000	30	7	1,550 x 800 x 345
CDLb 120	120 ¹⁾	2,000	1)	–	1,300 x 880 x 425

¹⁾ In storage module version only

Inputs

2 freely configurable digital inputs for the pause functions, high metering, shock dosing or manual metering, including collective malfunction

4 digital inputs for monitoring (Warning/ empty message) the chemical supply

1 water meter (contact 0.25 - 20 Hz or frequency 10 - 50,000 Hz)

Outputs

1 operating signal relay

1 warning signal relay

1 fault indicating relay

1 voltage output +5 V as supply voltage for water meter with Hall sensor