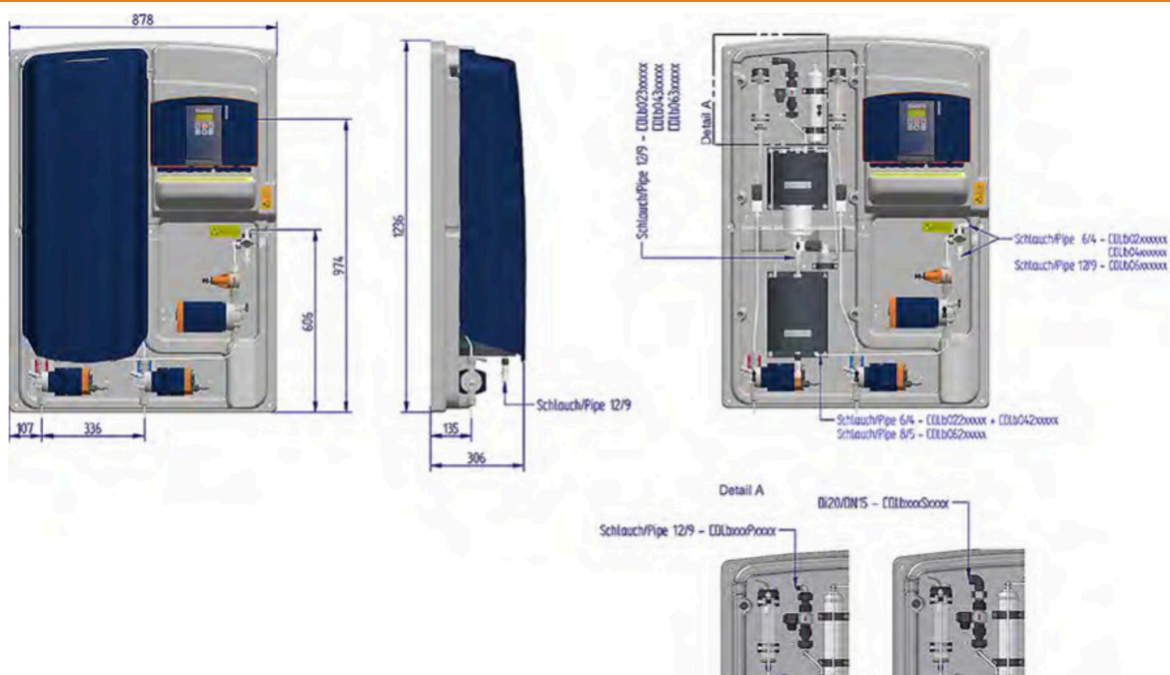


Chlorine Dioxide System Bello Zon CDLb

Compact dimensions and maximum cost-effectiveness - chlorine dioxide system for one or more points of injection.



Exemplary representation. The dimensions depend on the configuration chosen.

Chlorine dioxide system for production of a chlorine-free chlorine dioxide solution, especially suitable for multiple points of injection. Bello Zon CDLb produces ClO_2 discontinuously using the acid/chlorite process with diluted chemicals.

Technical Details

- Power supply: 100-230 V, 50/60 Hz
- Inputs: 2 freely configurable digital inputs for the functions Pause, High metering, Intermittent metering or Manual metering as well as an external collective malfunction signal, 4 digital inputs for monitoring the chemical supply (warning / empty message), 1 digital input for contact water meter 0.25 - 20 Hz, 1 frequency input for water meter 10 - 10,000 Hz
- Outputs: 1 operating signal relay, 1 alarm signal relay, 1 warning signal relay, 1 voltage output +5 V as supply voltage for water meter with Hall sensor
- Operating fluids: Sodium chlorite 7.5%, purity in accordance with EN 938, hydrochloric acid 9%, purity in accordance with EN 939, potable water
- Protection class: IP 65



Chlorine Dioxide System Bello Zon CDLb

Compact dimensions and maximum cost-effectiveness - chlorine dioxide system for one or more points of injection.

Technical Data

Type	Generation capacity	Operating temperature	Concentration	Minimum metering rate	Dimensions H x W x D	Weight
	g/h	°C	mg/l	l/h	mm	kg
CDLb 06	6	10...40	1,000	8	1,236 x 878 x 306	41
CDLb 12	12	10...40	2,000	8	1,236 x 878 x 306	42
CDLb 22	22	10...40	2,000	13	1,236 x 878 x 306	46
CDLb 55	55	10...40	2,000	30	1,550 x 800 x 345	73
CDLb 120	120	10...40	2,000	-	1,300 x 880 x 425	55

Interfaces

Type CDLb		6 g/h	12 g/h	22 g/h	55 g/h	120 g/h
Water inlet	ProMinent/Neutral	12-9	12-9	12-9	12-9	Di20/DN15
	Switzerland	Di20/DN15	Di20/DN15	Di20/DN15	Di20/DN15	Di20/DN15
Connector dimensions of metering pump for acid and chlorite		6x4	6x4	6x4	6x4	6x4
ClO ₂ output	with internal storage/pump/back pressure valve	6-4	6-4	12-9	12-9	
	with internal storage/pump	6-4	6-4	12-9	12-9	
	with internal storage, without pump	6-4	6-4	8-5	12-9	
	with external storage, without pump (reactor outlet)	12-9	12-9	12-9	12-9	Di25/DN20
	external storage (suction lance connector)	Di25/DN20	Di25/DN20	Di25/DN20	Di25/DN20	Di25/DN20