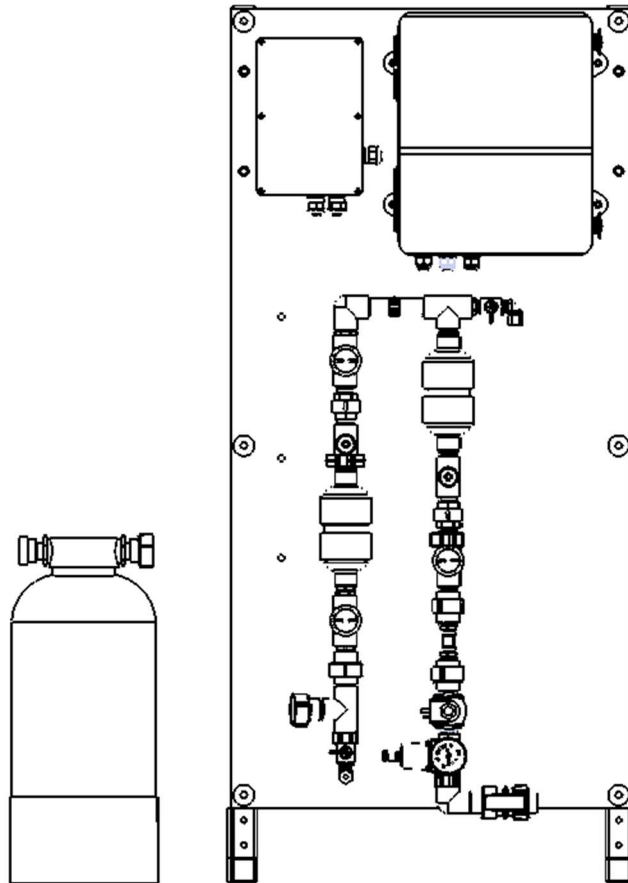


CLO₂IX[®] CT CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



Continuous Biofilm Removal

- Cooling Towers
- Animal Drinking Water
- Industrial Water
- Process Water
- Beverage and Brewing
- Closed Loop Systems

CT-100-200

Catalyst Size	<u>CTC-100</u>	<u>CTC-200</u>
CIO ₂ Production:	10 lb/day	20 lb/day
Nominal Flow Rate:	5 L/min	10 L/min
Minimum Flow Rate:	2.5 L/min	5 L/min
CIO ₂ Solution Production:*	7,200 L Soln./day	14,400 L Soln./day
CIO ₂ Concentration	650 - 750 mg/L	
CIO ₂ Conversion	≥ 72% @ 25°C	
Catalyst Dimensions:**	6 in (Dia.) x 22 in (H)	10 in (Dia.) x 22 in (H)
*At Nominal Flow		
**Catalyst May Need to be Mounted		
Generator Dimensions:	2.0 ft (W) x 2.0 ft (D) x 4.3 ft (H)	
Floorspace:	2.0 ft (L) x 2.0 ft (W)	

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

Operating Parameters

Maximum Feed Water Quality:	Potable Water (<500 ppm TDS)
Maximum Feed Water Conductivity:	1,000 µS
Maximum Total Hardness:	350 mg/L as CaCO ₃
Ambient Temperature Range:	40°F - 110°F
Water Temperature Range:	50°F - 90°F

Remote Access Ports

Ethernet Communication Port

System can be connected to customer-provided cell modem or directly into a facility's network.

Plumbing Connections on Generator

Inlet Water:	½" Spears Union MPT
Product HClO ₂ :	½" Spears Union FPT
Inlet NaClO ₂ :	¼" PVDF Tubing
Inlet H ₂ SO ₄ :	¼" PVDF Tubing

NOTE: Connection of hoses or hard plumbing to unit based on local plumbing codes.

Weights

Shipping (w/ packaging): 60 lb

Installation Plumbing Requirements

Inlet Water Pressure:	40 – 100 psi
ΔP Across System:	<25 psi

Installation Electrical Requirements

90-240 VAC 2.7A 50/60 Hz

Precursor Requirements

NaClO ₂ :	25% Active
H ₂ SO ₄ :	35% (w/w) Active

NOTE: All systems are shipped dry and chemical-free. Receiver responsible for obtaining and applying all precursors.

Precursor Usage

NaClO ₂ 25%:	1 L/230 L ClO ₂ Produced
H ₂ SO ₄ 35% (w/w):	1 L/500 L ClO ₂ Produced

*Acid usage may vary

Supplied with Generator

Item	Replacement Part Number
Unit Hoses	Miscellaneous

Generator does not include Catalyst Cartridge or precursor pumps. This needs to be ordered separately.

Pump Specifications

Minimum NaClO ₂ Pump Flow:	652 mL/hr
Maximum NaClO ₂ Pump Flow:	3.3 L/hr
Minimum H ₂ SO ₄ Pump Flow:	150 mL/hr
Maximum H ₂ SO ₄ Pump Flow:	750 mL/h



Dripping Wet Water CLO₂IX[®] units are tested and certified to NSF/ANSI 51 and 61. See www.wqa.org for any specific product details.

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