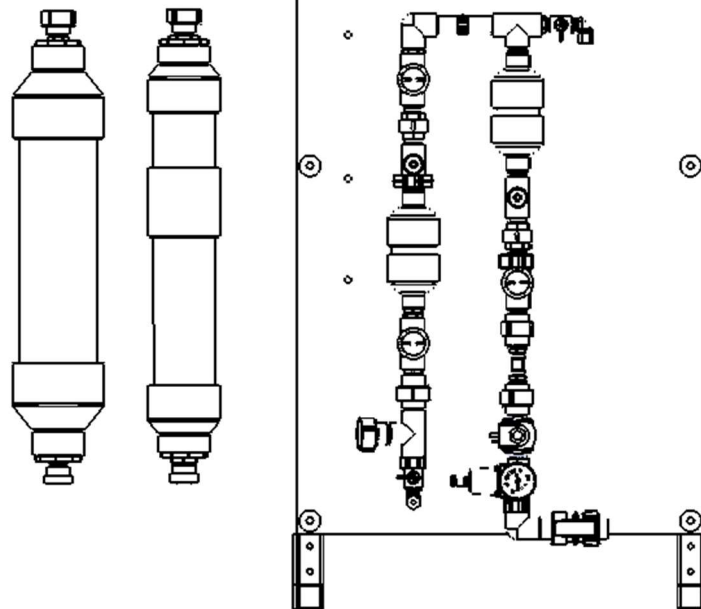


# CLO<sub>2</sub>IX<sup>®</sup> CT CHLORINE DIOXIDE GENERATOR

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-025-050

<b>Catalyst Size</b>	<b>CTC-025</b>	<b>CTC-050</b>
CIO <sub>2</sub> Production:	2.5 lb/day	5.0 lb/day
Nominal Flow Rate:	1.25 L/min	2.5 L/min
Minimum Flow Rate:	0.63 L/min	1.25 L/min
CIO <sub>2</sub> Solution Production:*	1,800 L Soln./day	3,600 L Soln./day
CIO <sub>2</sub> Concentration	650 - 750 mg/L	
CIO <sub>2</sub> Conversion	≥ 72% @ 25°C	
Catalyst Dimensions:**	3 in (Dia.) x 26 in (H)	4 in (Dia.) x 26 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!

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**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 <sub>3</sub>
Ambient Temperature Range:	40°F - 110°F
Water Temperature Range:	50°F - 90°F

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**Remote Access Ports**

Ethernet Communication Port

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

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**Plumbing Connections on Generator**

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

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

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**Weights**

Shipping (w/ packaging): 60 lb

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**Installation Plumbing Requirements**

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

**Installation Plumbing Requirements**

90-240 VAC 2.7A 50/60 Hz

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**Precursor Requirements**

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

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

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**Precursor Usage**

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

\*Acid usage may vary

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**Supplied with Generator**

Item	Replacement Part Number
Unit Hoses	Miscellaneous

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

**Pump Specifications**

Minimum NaClO <sub>2</sub> Pump Flow:	163 mL/hr
Maximum NaClO <sub>2</sub> Pump Flow:	815 mL/hr
Minimum H <sub>2</sub> SO <sub>4</sub> Pump Flow:	37.5 mL/hr
Maximum H <sub>2</sub> SO <sub>4</sub> Pump Flow:	187.5 mL/h



Dripping Wet Water CLO<sub>2</sub>IX<sup>®</sup> units are tested and certified to NSF/ANSI 51 and 61. See [www.wqa.org](http://www.wqa.org) for any specific product details.

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CLO<sub>2</sub>IX<sup>®</sup>