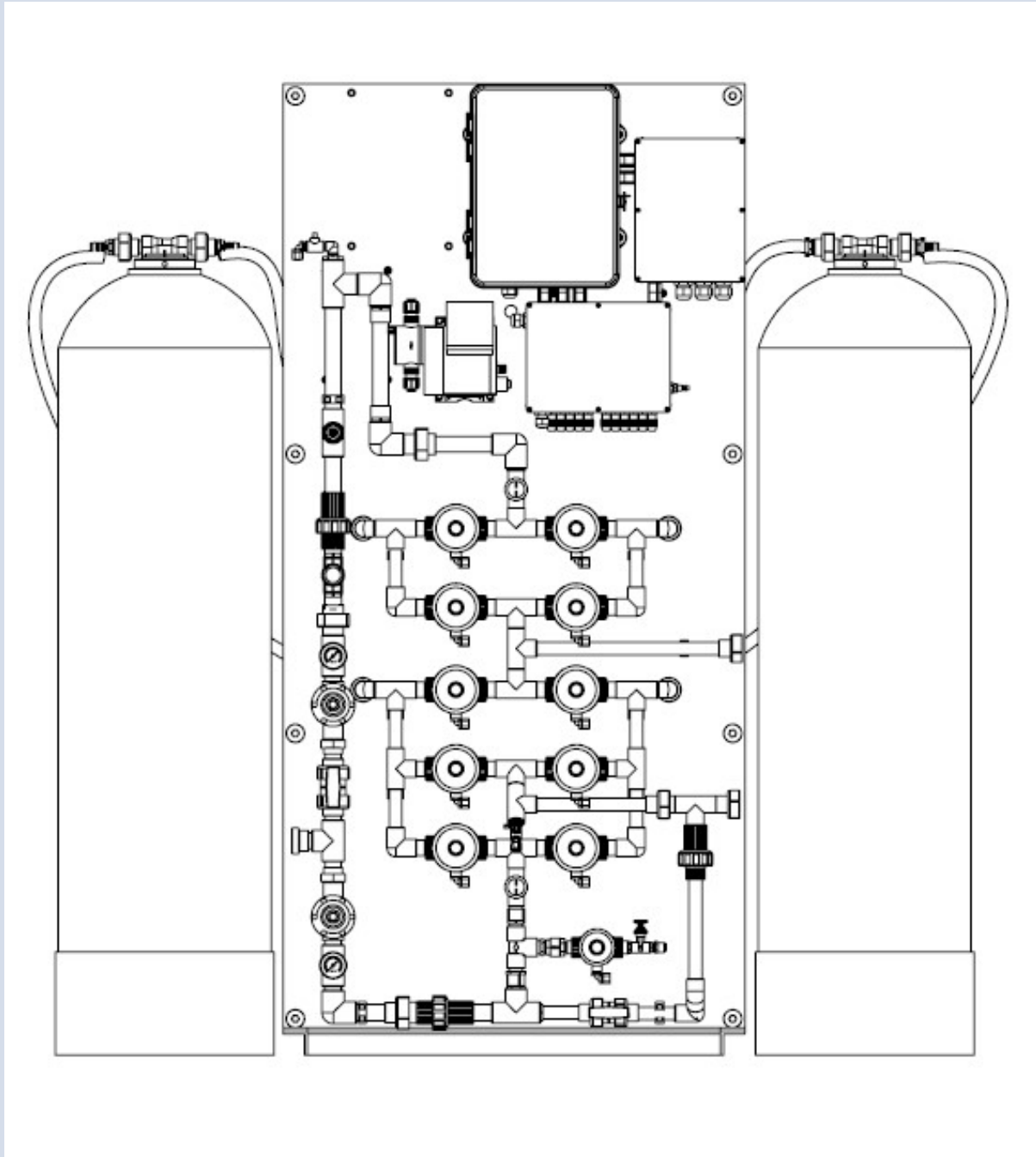


# CLO<sub>2</sub>IX<sup>®</sup> INDUSTRIAL CHLORINE DIOXIDE GENERATOR

for

## CONTINUOUS CLEANING OF WETTED SURFACES



IND 350

35 lb/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

# U.S. Units

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## Performance Specifications

CIO <sub>2</sub> Production:	35 lb/day
CIO <sub>2</sub> Max Vol. Production:	8,321 gal Soln. /day
Nominal Flow Rate:	4.62 gal/min
Peak Production Flow Rate:	5.78 gal/min
Max Unit Flow Rate During Regen:	9.86 gal/min
Estimated Water Consumption:	6,914 gal / 6,657 gal CIO <sub>2</sub> Soln. Produced

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## Operating Parameters

Prime Flow Rate:	5.28 gal/min
Rinse Flow Rate:	0.54 gal/min
Feed Water Quality:	Potable Water (< 500 ppm TDS)
Maximum Conductivity:	1,000 µS
Ambient Temperature Range:	40°F - 110°F
Water Temperature Range:	50°F - 90°F
CIO <sub>2</sub> Conversion:	≥ 75% @ 77°F
NaClO <sub>2</sub> Usage:	1 gal / 230 gal CIO <sub>2</sub> Soln. Produced
Max HCl 31.45% Usage:	1 gal / 514 gal CIO <sub>2</sub> Soln. Produced
Max HCl 10% Usage:	1 gal / 149 gal CIO <sub>2</sub> Soln. Produced
Max H <sub>2</sub> SO <sub>4</sub> 35% Usage:	1 gal / 514 gal CIO <sub>2</sub> Soln. Produced

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## Remote Access Ports

Ethernet Communication Port

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

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## Dimensions

Generator w/ IX Tanks:	80" (W) x 36" (D) x 80" (H)
Frame:	38" (W) x 36" (D) x 80" (H)
IX Tank:	19" (W) x 19" (D) x 68" (H)

## Weights

Shipping:	1,500 lb
Operating:	1,735 lb

## Plumbing Connections on Generator

Inlet Water:	1-inch Spears Union MPT
Product HClO <sub>2</sub> :	3/4-inch Spears Union FPT
Drain:	3/4-inch Spears Union FPT
Inlet NaClO <sub>2</sub> :	3/8-inch PVDF Tubing
Inlet Regenerant:	3/8-inch PVDF Tubing
Compressed Air:	1/4-inch FPT Plug

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

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## Installation Plumbing Requirements

Inlet Pressure:	40-100 psig
ΔP Across System:	25 psig
Drain Pressure:	Atmospheric

## Installation Electrical Requirements

90-240 VAC 2.7A 50-60 Hz

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## Compressed Air Requirements

Air Quality:	Filtered & Regulated Air
Pressure:	100 psig

## Precursor Requirements

NaClO <sub>2</sub> :	25% active
Regenerant HCl:	10% or 31.45%
Regenerant H <sub>2</sub> SO <sub>4</sub> :	35% (may be used with softened water instead of HCl)

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

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## Supplied With Generator

Unit Hoses

Pre-Filter - 20" housing with 50 micron filter

Post-Filter - 20" housing with 5 micron filter

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Dripping Wet Water CLO<sub>2</sub>IX® 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®