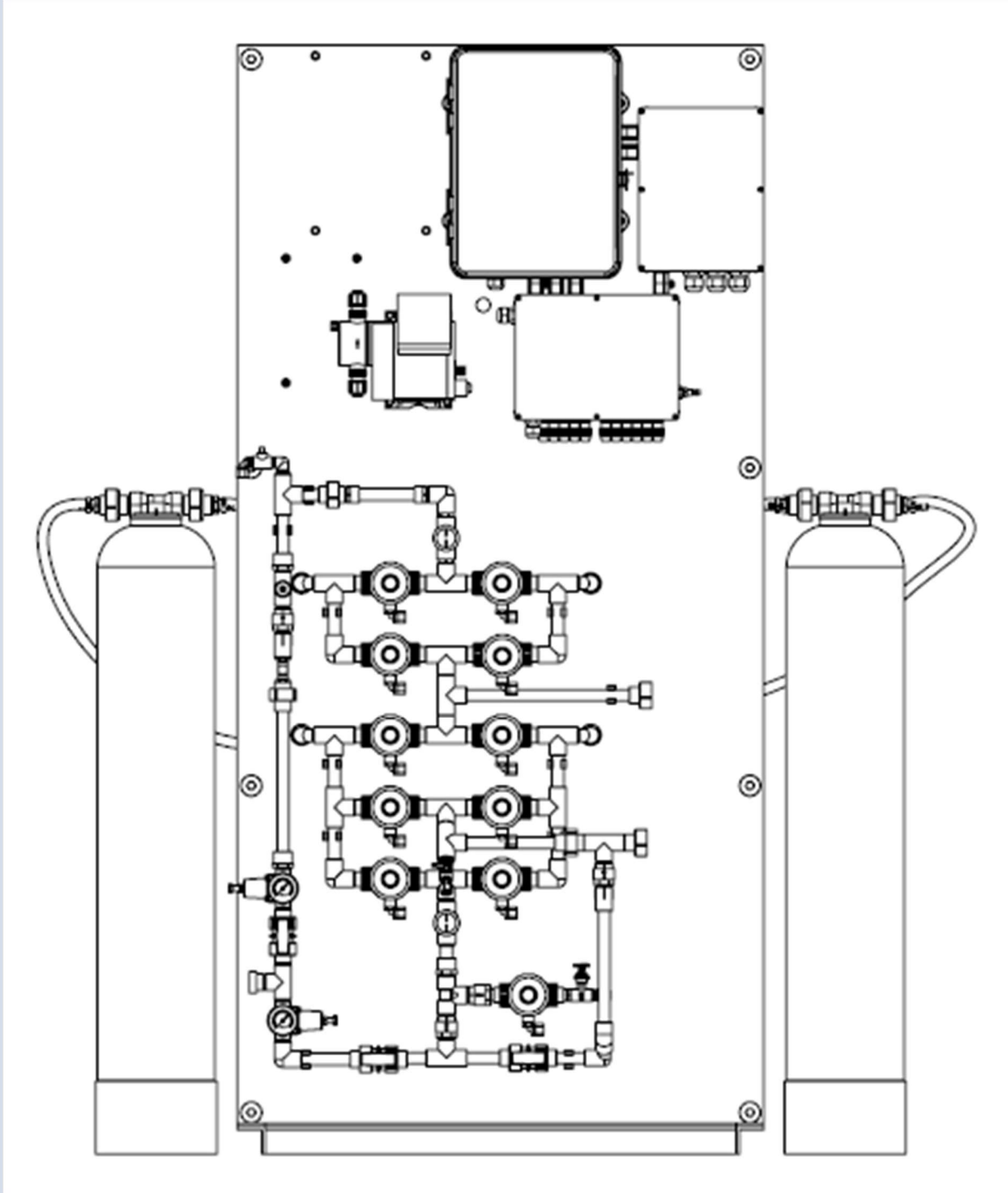


CLO₂IX[®] INDUSTRIAL CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



IND 025-050

2.5 lb/day – 5.0 lb/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

U.S. Units

Performance Specifications

	<u>Industrial IG-025</u>	<u>Industrial IG-050</u>
ClO ₂ Production:	2.5 lb/day	5 lb/day
ClO ₂ Max Vol. Production:	594 gal Soln. /day	1,189 gal Soln. /day
Nominal Flow Rate:	0.33 gal/min	0.66 gal/min
Peak Production Flow Rate:	0.41 gal/min	0.83 gal/min
Max Unit Flow Rate During Regen:	1.38 gal/min	1.80 gal/min
Estimated Water Consumption:	503 gal / 476 gal ClO ₂ Soln. Produced	978 gal / 951 gal ClO ₂ Soln. Produced

Operating Parameters

Prime Flow Rate:	0.79 gal/min
Rinse Flow Rate:	0.13 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
ClO ₂ Conversion:	≥ 75% @ 77°F
NaClO ₂ Usage:	1 gal / 230 gal ClO ₂ Soln. Produced
Max HCl 31.45% Usage:	1 gal / 514 gal ClO ₂ Soln. Produced
Max HCl 10% Usage:	1 gal / 149 gal ClO ₂ Soln. Produced
Max H ₂ SO ₄ 35% Usage:	1 gal / 514 gal ClO ₂ Soln. Produced

Remote Access Ports

Ethernet Communication Port

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

Dimensions

Generator w/ IX Tanks:	30" (W) x 30" (D) x 74" (H)
Frame:	30" (W) x 30" (D) x 74" (H)
IX Tank:	9" (W) x 9" (D) x 47" (H)

Weights

Shipping:	325 lb
Operating:	275 lb

Plumbing Connections on Generator

Inlet Water:	1/2-inch Spears Union MPT
Product HClO ₂ :	1/2-inch Spears Union FPT
Drain:	1/2-inch Spears Union FPT
Inlet NaClO ₂ :	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.

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

Compressed Air Requirements

Air Quality:	Filtered & Regulated Air
Pressure:	100 psig

Precursor Requirements

NaClO ₂ :	25% active
Regenerant HCl:	10% or 31.45%
Regenerant H ₂ SO ₄ :	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.

Supplied With Generator

Unit Hoses

Pre-Filter - 10" housing with 30 micron filter

Post-Filter - 10" housing with 5 micron filter



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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ClO₂IX®