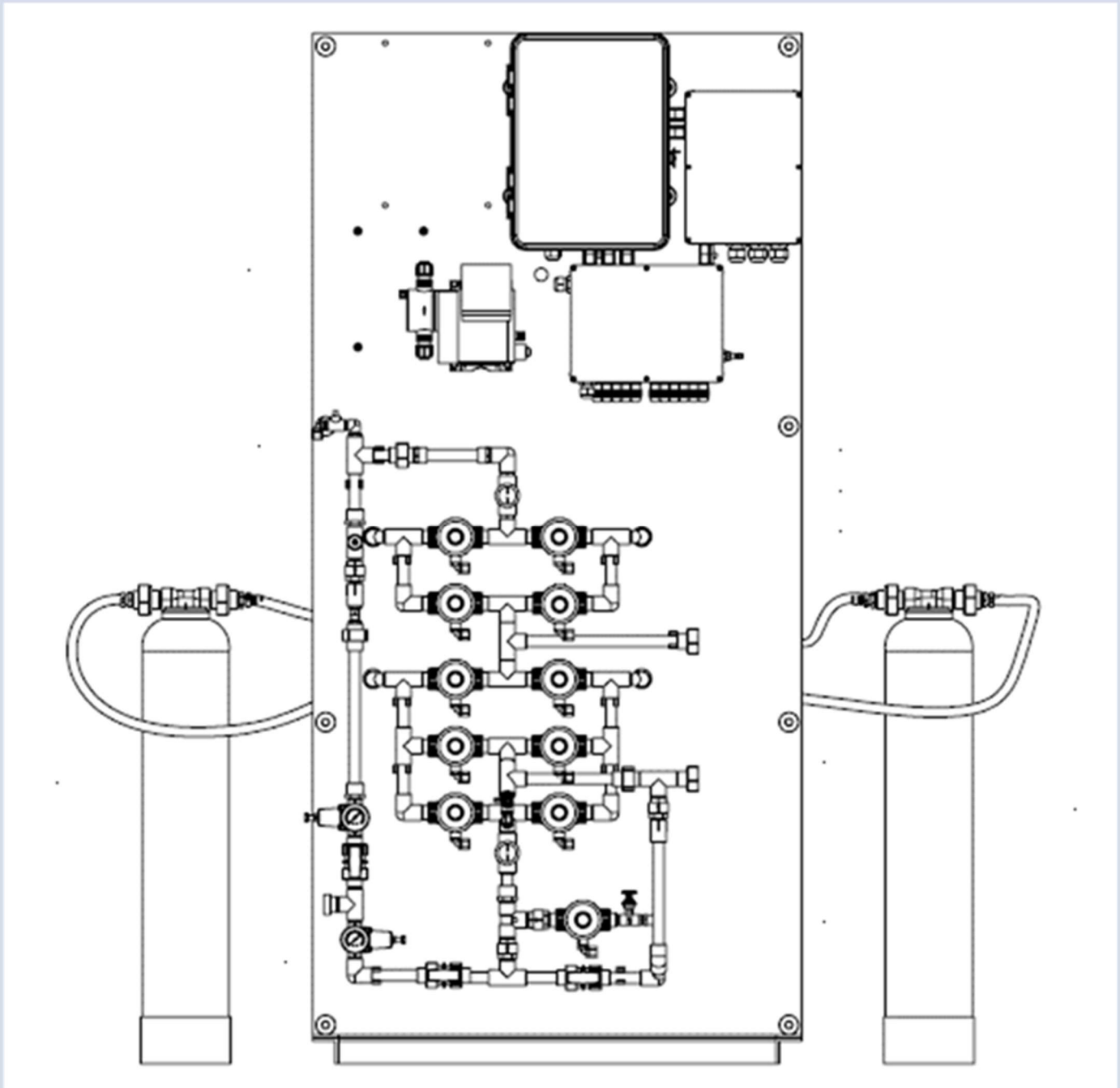


CLO₂IX[®] INDUSTRIAL CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



IND 005-010

0.25 kg/day – 0.5 kg/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

Metric Units

Performance Specifications

	<u>Industrial IG-005</u>	<u>Industrial IG-010</u>
ClO ₂ Production:	0.25 kg/day	0.5 kg/day
ClO ₂ Max Vol. Production:	450 L Soln. /day	900 L Soln. /day
Nominal Flow Rate:	250 mL/min	500 mL/min
Peak Production Flow Rate:	313 mL/min	625 mL/min
Max Unit Flow Rate During Regen:	2,289 mL/min	2,601 mL/min.
Estimated Water Consumption:	400 L / 360 L ClO ₂ Soln. Produced	758 L / 720 L ClO ₂ Soln. Produced

Operating Parameters

Prime Flow Rate:	1,500 mL/min
Rinse Flow Rate:	264 mL/min
Feed Water Quality:	Potable Water (< 500 ppm TDS)
Maximum Conductivity:	1,000 µS
Ambient Temperature Range:	4.4°C - 43.3°C
Water Temperature Range:	10°C - 32.2°C
ClO ₂ Conversion:	≥ 75% @ 25°C
NaClO ₂ Usage:	1 L / 230 L ClO ₂ Soln. Produced
Max HCl 31.45% Usage:	1 L / 514 L ClO ₂ Soln. Produced
Max HCl 10% Usage:	1 L / 149 L ClO ₂ Soln. Produced
Max H ₂ SO ₄ 35% Usage:	1 L / 514 L 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:	0.76m(W) x 0.76m(D) x 1.88m(H)
Frame:	0.76m(W) x 0.76m(D) x 1.88m(H)
IX Tank:	0.18m(W) x 0.18m(D) x 0.96m(H)

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

Weights

Shipping:	125 kg
Operating:	100 kg

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

Installation Plumbing Requirements

Inlet Pressure:	2.8-6.9 bar
ΔP Across System:	1.72 bar
Drain Pressure:	Atmospheric

Installation Electrical Requirements

90-240 VAC 2.7A 50-60 Hz

Compressed Air Requirements

Air Quality:	Filtered & Regulated Air
Pressure:	6.9 bar

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®