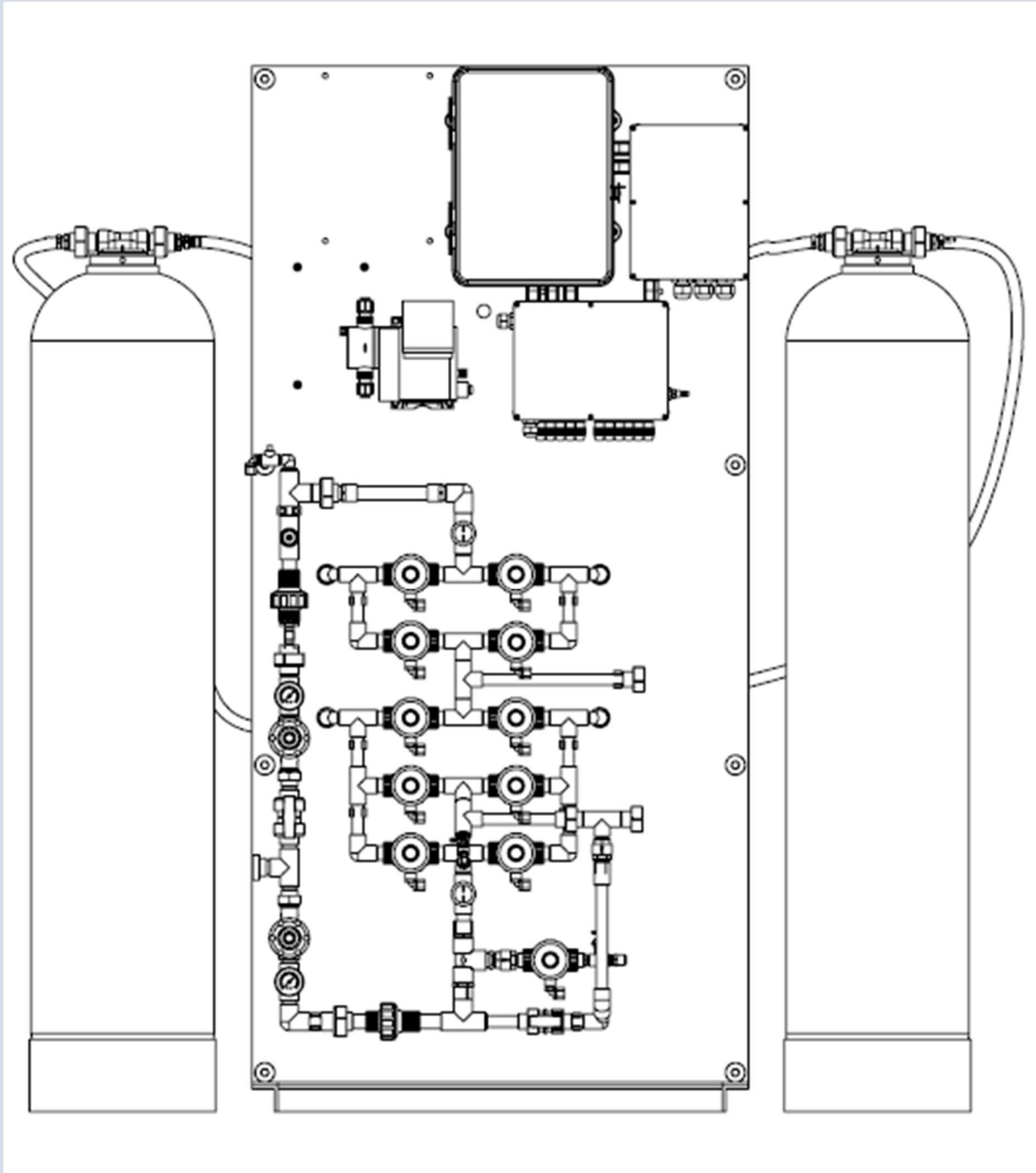


CLO<sub>2</sub>IX<sup>®</sup> INDUSTRIAL CHLORINE DIOXIDE GENERATOR  
for

CONTINUOUS CLEANING OF WETTED SURFACES



IND 100-200  
5 kg/day – 10 kg/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

# Metric Units

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## Performance Specifications

	<u>Industrial IG-100</u>	<u>Industrial IG-200</u>
ClO <sub>2</sub> Production:	5 kg/day	10 kg/day
ClO <sub>2</sub> Max Vol. Production:	9,000 L Soln. /day	18,000 L Soln. /day
Nominal Flow Rate:	5.00 L/min	10 L/min
Peak Production Flow Rate:	6.25 L/min	12.50 L/min
Max Unit Flow Rate During Regen:	18.02 L/min	24.27 L/min
Estimated Water Consumption:	7,706 L / 7,200 L ClO <sub>2</sub> Soln. Produced	14,907 L / 14,400 L ClO <sub>2</sub> Soln. Produced

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## Operating Parameters

Prime Flow Rate:	15.00 L/min
Rinse Flow Rate:	1.57 L/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 <sub>2</sub> Conversion:	≥ 75% @ 25°C
NaClO <sub>2</sub> Usage:	1 L / 230 L ClO <sub>2</sub> Soln. Produced
Max HCl 31.45% Usage:	1 L / 514 L ClO <sub>2</sub> Soln. Produced
Max HCl 10% Usage:	1 L / 149 L ClO <sub>2</sub> Soln. Produced
Max H <sub>2</sub> SO <sub>4</sub> 35% Usage:	1 L / 514 L ClO <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:	1.60m(W) x 0.76m(D) x 1.88m(H)
Frame:	0.76m(W) x 0.76m(D) x 1.88m(H)
IX Tank:	0.38m(W) x 0.38m(D) x 1.73m(H)

## Weights

Shipping:	408 kg
Operating:	544 kg

## Plumbing Connections on Generator

Inlet Water:	3/4-inch Spears Union MPT
Product HClO <sub>2</sub> :	1/2-inch Spears Union FPT
Drain:	1/2-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:	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

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## Compressed Air Requirements

Air Quality:	Filtered & regulated air
Pressure:	6.9 bar

## 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 - 10" housing with 30 micron filter

Post-Filter - 10" 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®