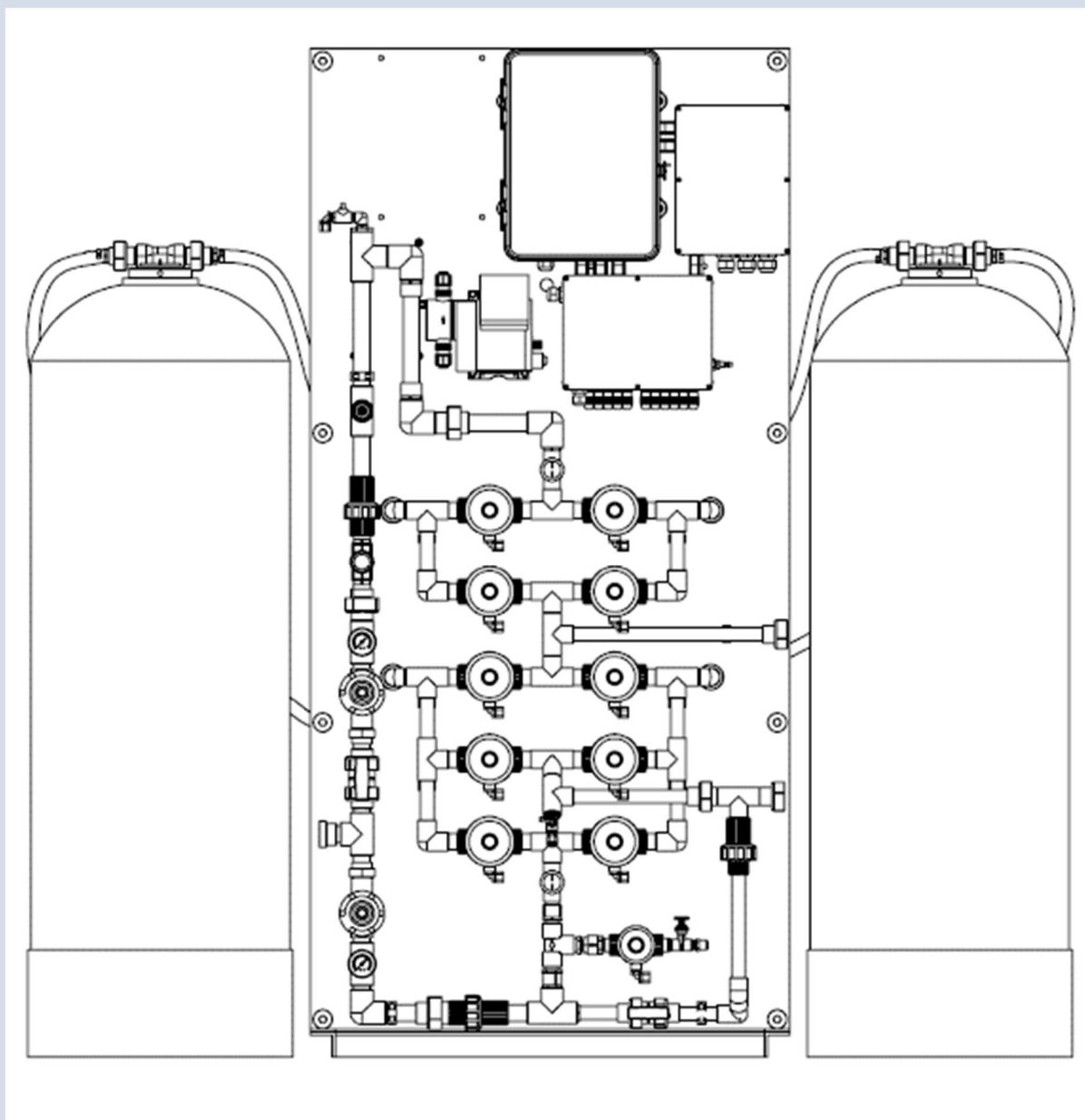


CLO₂IX[®] INDUSTRIAL CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



IND 500

23 kg/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

Metric Units

Performance Specifications

ClO ₂ Production:	23 kg/day
ClO ₂ Max Vol. Production:	45,000 L Soln. /day
Nominal Flow Rate:	25.00 L/min
Peak Production Flow Rate:	31.25 L/min
Max Unit Flow Rate During Regen:	50.73 L/min
Estimated Water Consumption:	37,246 L / 36,000 L ClO ₂ Soln. Produced

Operating Parameters

Prime Flow Rate:	25.00 L/min
Rinse Flow Rate:	2.60 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:	2.13m(W) x 0.91m(D) x 2.03m(H)
Frame:	0.97m(W) x 0.91m(D) x 2.03m(H)
IX Tank:	0.56m(W) x 0.56m(D) x 1.65m(H)

Weights

Shipping:	975 kg
Operating:	1,315 kg

Plumbing Connections on Generator

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

NaClO₂: 25% active
Regenerant HCl: 10% or 31.45%
Regenerant H₂SO₄: 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 - 20" housing with 50 micron filter

Post-Filter - 20" 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®