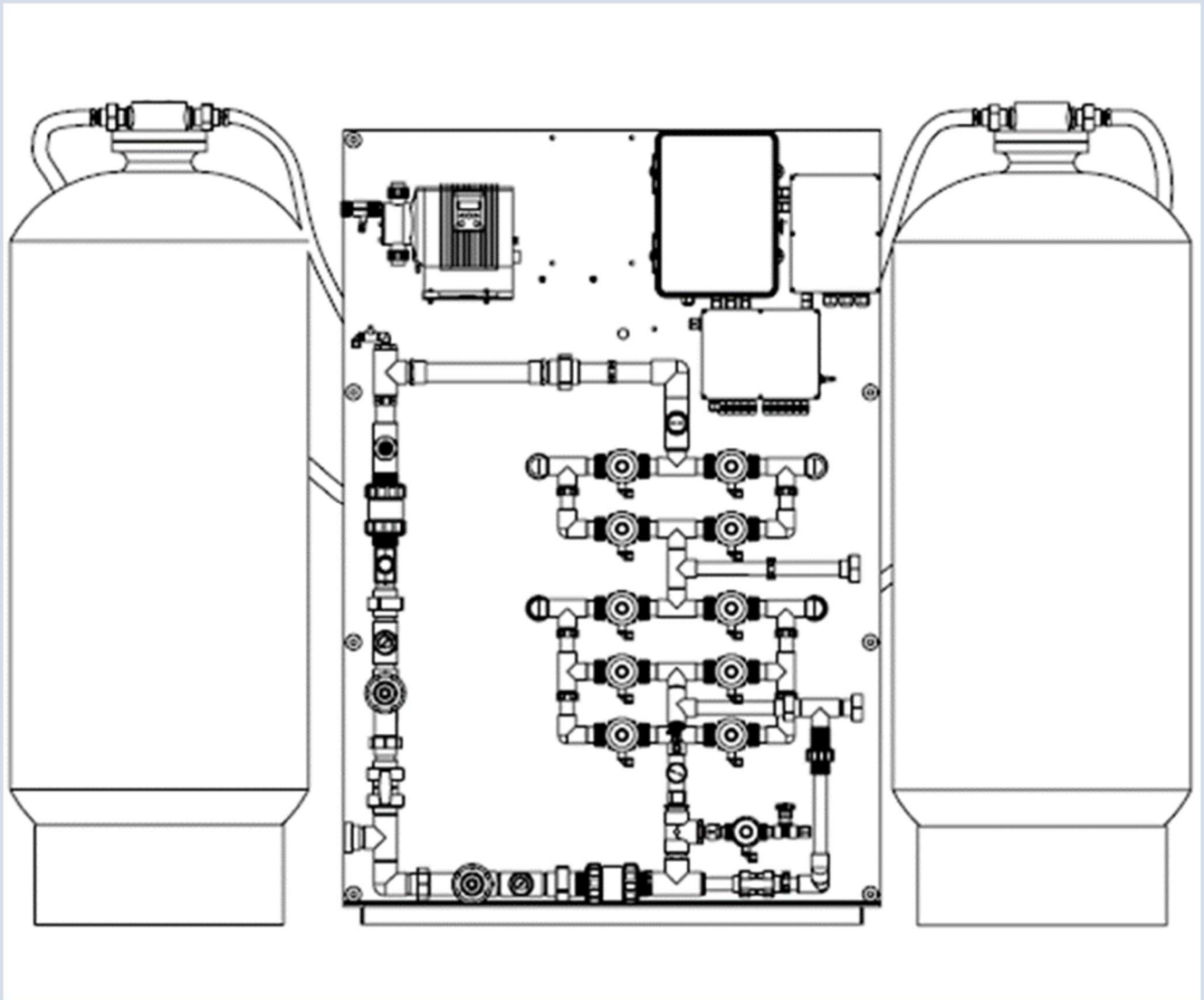


CLO₂IX[®] INDUSTRIAL CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



IND 1000

46 kg/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

Metric Units

Performance Specifications

| | |
|---------------------------------------|---|
| ClO ₂ Production: | 46 kg/day |
| ClO ₂ Max Vol. Production: | 90,000 L Soln. /day |
| Nominal Flow Rate: | 50.00 L/min |
| Peak Production Flow Rate: | 62.50 L/min |
| Max Unit Flow Rate During Regen: | 118.0 L/min |
| Estimated Water Consumption: | 75,657 L / 72,000 L ClO ₂ Soln. Produced |

Operating Parameters

| | |
|---|---|
| Prime Flow Rate: | 75.00 L/min |
| Rinse Flow Rate: | 7.40 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: | 1.09m(D) x 3.35m(W) x 2.41m(H) |
| Frame: | 0.97m(D) x 1.37m(W) x 2.03m(H) |
| IX Tank: | 0.97m(W) x 0.97m(D) x 2.41m(H) |

Weights

| | |
|------------|----------|
| Shipping: | 997 kg |
| Operating: | 1,338 kg |

Plumbing Connections on Generator

| | |
|-----------------------------|---------------------------|
| Inlet Water: | 1.5-inch Spears Union MPT |
| Product HClO ₂ : | 1-inch Spears Union FPT |
| Drain: | 1-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

| | |
|---|--|
| 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-Filters - 20" housings with 50 micron filters

Post-Filters - 20" housings with 5 micron filters



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®