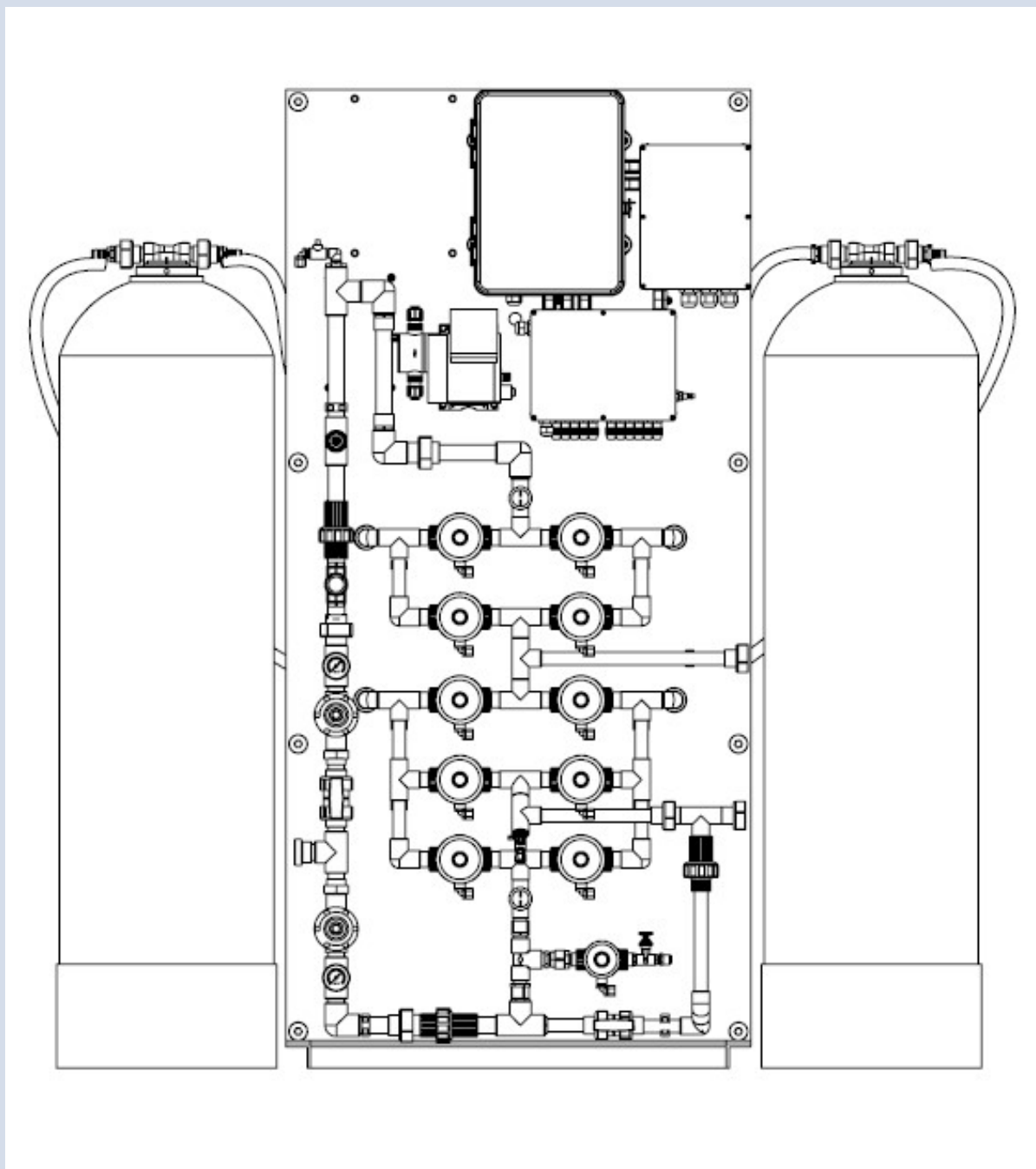


CLO₂IX[®] INDUSTRIAL CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



IND 350

16 kg/day

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

Metric Units

Performance Specifications

| | |
|---------------------------------------|---|
| CIO ₂ Production: | 16 kg/day |
| CIO ₂ Max Vol. Production: | 31,500 L Soln. /day |
| Nominal Flow Rate: | 17.50 L/min |
| Peak Production Flow Rate: | 21.88 L/min |
| Max Unit Flow Rate During Regen: | 37.32 L/min |
| Estimated Water Consumption: | 26,171 L / 25,200 L CIO ₂ Soln. Produced |

Operating Parameters

| | |
|---|---|
| Prime Flow Rate: | 20.00 L/min |
| Rinse Flow Rate: | 2.06 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 |
| CIO ₂ Conversion: | ≥ 75% @ 25°C |
| NaClO ₂ Usage: | 1 L / 230 L CIO ₂ Soln. Produced |
| Max HCl 31.45% Usage: | 1 L / 514 L CIO ₂ Soln. Produced |
| Max HCl 10% Usage: | 1 L / 149 L CIO ₂ Soln. Produced |
| Max H ₂ SO ₄ 35% Usage: | 1 L / 514 L CIO 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: | 2.03 m(W) x 0.91 m(D) x 2.03 m(H) |
| Frame: | 0.97 m(W) x 0.91 m(D) x 2.03 m(H) |
| IX Tank: | 0.48 m(W) x 0.48 m(D) x 1.73 m(H) |

Weights

| | |
|------------|--------|
| Shipping: | 680 kg |
| Operating: | 787 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

| | |
|---|--|
| 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 - 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.

Dripping Wet Water
413 W. Nakaoma
San Antonio TX 78216
(210) 384-0805 Fax (210) 525-8883
www.clo2ix.com

CLO₂IX®