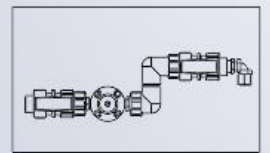
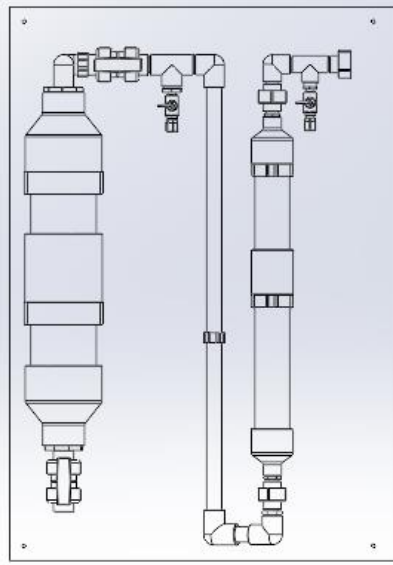
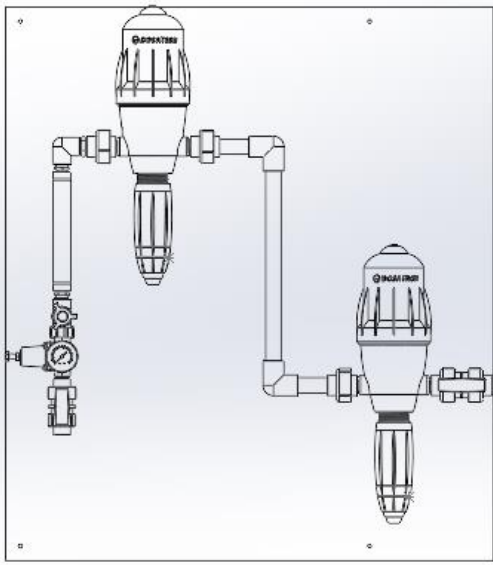


CLO₂IX[®] WD CHLORINE DIOXIDE GENERATOR

for

CONTINUOUS CLEANING OF WETTED SURFACES



WD-010-050

Continuous Biofilm Removal

Cooling Towers

Agriculture

Wastewater

WHAT IS ON YOUR PIPES IS IN YOUR PRODUCT!

Catalyst Size	WDC-010		WDC-020		WDC-030		WDC-040		WDC-050	
	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric	Imperial	Metric
ClO ₂ Production:	1 lb/day	0.5 kg/day	2 lb/day	1.0 kg/day	3 lb/day	1.5 kg/day	4 lb/day	2.0 kg/day	5 lb/day	2.5 kg/day
Nominal Flow Rate:	0.05 gal/min	0.2 L/min	0.10 gal/min	0.4 L/min	0.15 gal/min	0.6 L/min	0.20 gal/min	0.8 L/min	0.25 gal/min	1 L/min
Minimum Flow Rate:	0.025 gal/min	0.1 L/min	0.05 gal/min	0.2 L/min	0.075 gal/min	0.3 L/min	0.10 gal/min	0.4 L/min	0.125 gal/min	0.5 L/min
ClO ₂ Solution Production:*	69 gal Soln./day	260 L Soln./day	138 gal Soln./day	520 L Soln./day	207 gal Soln./day	780 L Soln./day	276 gal Soln./day	1,040 L Soln./day	345 gal Soln./day	1,300 L Soln./day
ClO ₂ Concentration:	1,650 mg/L at 70% conversion									
ClO ₂ Conversion:	<u>Imperial</u>					<u>Metric</u>				
	70% +/- 5% @ 77°F					70% +/- 5% @ 25°C				
Pump Board:	38 in x 33 1/2 in x 7 in					0.97 m x 0.85 m x 0.18 m				
Mixing Chamber Board:	38 in x 27 in x 13 in					0.97 m x 0.69 m x 0.33 m				
Back Pressure Valve Board:	10 in x 17 in x 6 in					0.25 m x 0.43 m x 0.15 m				

Operating Parameters

Maximum Feed Water Quality:	Potable Water (<500 ppm TDS)	
Maximum Feed Water Conductivity:	1,000 µS	
Maximum Total Hardness:	350 mg/L as CaCO ₃	
Ambient Temperature Range:	40°F – 110°F	4.4°C – 43.3°C
Water Temperature Range:	50°F – 90°F	10°C – 32.2°C

Plumbing Connections on Generator

Inlet Water:	3/4" Spears Union MPT
Product ClO ₂ :	3/4" Spears Union FPT
Inlet NaClO ₂ :	3/8" PE Tubing
Inlet H ₂ SO ₄ :	3/8" PE Tubing

Installation Plumbing Requirements

Inlet Water Pressure:	1.4 – 5.5 bar	20 – 80 psi
Drain Pressure:	Atmospheric	

Precursor Requirements

NaClO ₂ :	25% Active
Regenerant H ₂ SO ₄ :	35% (w/w) Active

NOTE: All systems are shipped dry and chemical-free.

Pump Specifications

NaClO ₂ Dilution Rate:	92:1
H ₂ SO ₄ Dilution Rate:	200:1 – 400:1



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*