

PureLine
The ClO₂GO₂™

HP SERIES GENERATOR

Common Platform
Models HP-3, HP-10, HP-20, HP-40



Using PureCideE as a highly concentrated single-liquid precursor, our patented electrochemical cells efficiently produce 99.5% pure, chlorine-free, ClO₂ solution (active ClO₂ versus bi-products in water). Pure ClO₂ is delivered on demand, safely, and efficiently without the need for an external storage tank.

The system is capable of feeding multiple dosage points simultaneously allowing for several applications from a single generator. The HP series is a common platform system allowing for cost effective, on-site capacity upgrades that grow with your operation/facility.

With multiple safety interlocks, available reporting and communication options, and expert engineering and service support, the HP series is truly the bench mark in safe and reliable ClO₂ generation.

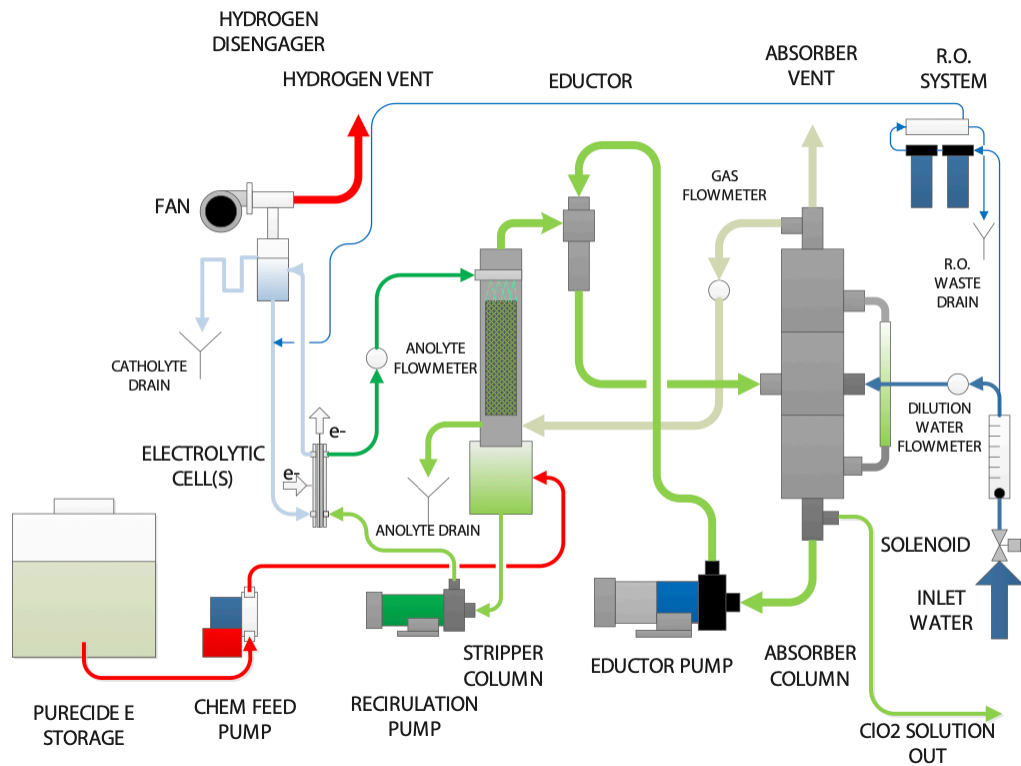
Pure Advantages

- Single-liquid precursor PureCideE (no acid)
- Produces 99.5% pure ClO₂
- pH neutral solution
- Long life electrolytic cells (no cartridges)
- Multiple control options (flow, residual, permissive, timers, manual)
- Customizable and scalable to 40 lbs/day
- Expert engineering and technical support
- Low operating cost – enhanced ROI

SPECIFICATIONS

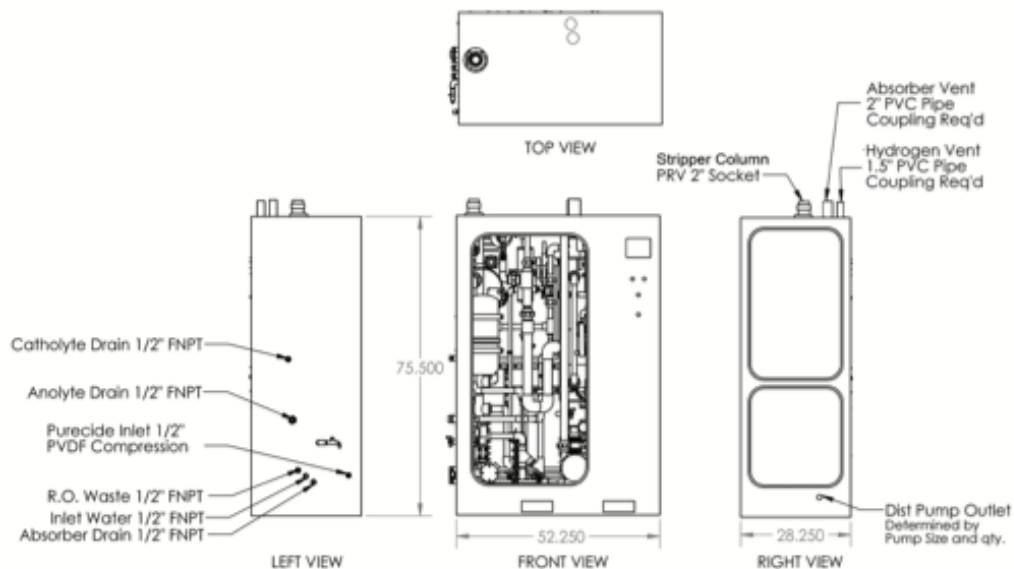
Capacity:	Less than 1lb to 40lbs per day	Co-Products: <ul style="list-style-type: none"> - 20% NaOH solution (.01 - .1 gpm) - Spent chemical (.01 - .05 gpm) - H₂ safely diluted to <0.5 vol% - RO waste (.5 - 1.0 gpm)
Chemical Usage:	PureCideE - 5.5 lbs.-6 lbs / 1 lb ClO ₂	
Electrical Power:	220VAC, 1PH, 30A Service (<15A normal load draw)	
Inlet Water:	Clean/filtered min 50 psi (0.5 - 3.0 gpm)	
PLC & HMI:	Allen Bradley PLC and Color Touch Screen	
Cabinet:	White Polypropylene	
Dimensions:	52.25" x 75.5" x 28.25"	HS Code: 8421.21.000
Weight:	500 lbs	

Process Flow Diagram



▼ HP-Series Electrochemical Generator

Common Platform — 3 lb to 40 lbs/day



TOMAS CUERDA INC
HIGH TECHNOLOGY PRODUCTS

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The HP Series utilizes a patented electrolytic generation process that utilizes a single non-hazardous pre-cursor to create 99.5% pure Chlorine Dioxide (ClO₂). This is the purest form of chlorine dioxide available!

PURE CHEMISTRY

Chlorine dioxide is environmentally friendly. In fact, chlorine dioxide technology protects the environment and human health from bacteria and by-products formed by other disinfection methods.



HOSPITALS

The HP Series generator and chlorine dioxide are used in hospitals to reduce *Legionella* and other water borne pathogen colonization in healthcare potable water systems. It controls and eliminates *Legionella* and other water borne pathogens, eliminates biofilm, has no impact on dialysis filtration equipment, no impact on laboratory filtration equipment, no impact on corrosion rates, and no impact on mechanical equipment and systems.

FOOD INDUSTRY

In the food industry, PureLine's HP Series is used to provide chlorine dioxide treatment as a disinfectant in the processing of foods and beverages. From veggie wash to disinfection treatments for recycling of process water, chlorine dioxide treatment and PureLine's HP Series is the perfect solution for the challenges faced by food and beverage companies in their plants.



PURE ADVANTAGES

- Single-liquid precursor PureCideE (no acid)
- Produces 99.5% pure ClO₂
- pH neutral solution
- No reaction bi-products

- Long life electrolytic cells (no consumable cartridges or electrodes to replace)
- Multiple control options (flow, residual, permissive, timers, manual)
- Customizable and scalable to 40 lbs/day (many accessories available to fit your safety, performance, and communication needs)
- <1# – over 500 lbs. per day with no on-site ClO₂ storage required
- Water Quality Association (WQA) certifies that PureLine's HP generators meet NSF/ANSI61 standards
- Expert engineering and technical support
- Low operating cost – enhanced ROI

SAFETY DATA SHEET
AVAILABLE UPON REQUEST



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