

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.

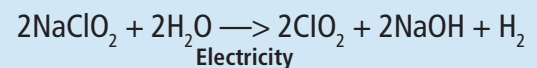
The system is capable of feeding multiple dosage points simultaneously allowing for several applications from a single generator. The HP series is a common platform system allowing for cost effective, on-site capacity upgrades that grow with your operation/facility.

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

Reaction Chemistry

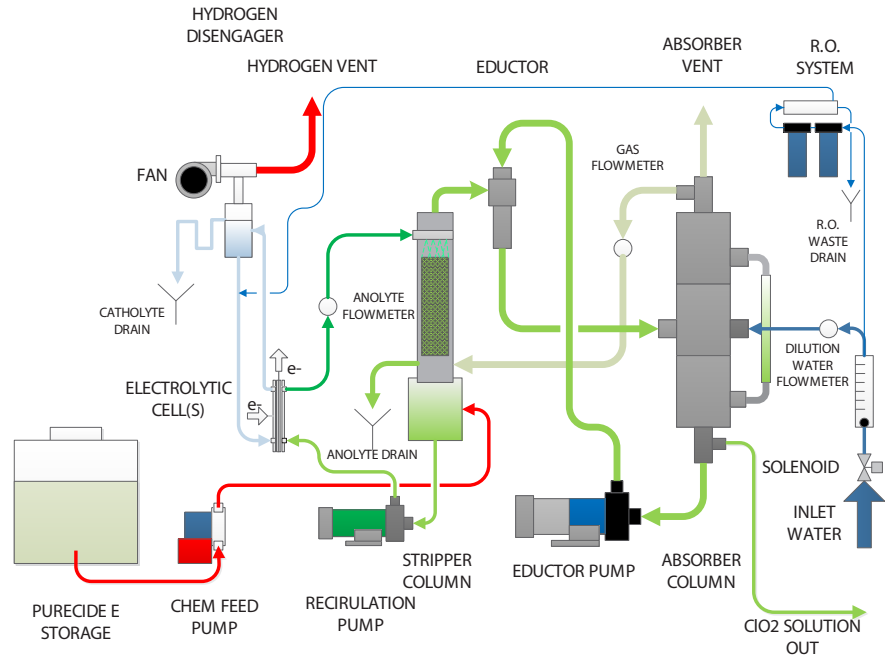


Specifications

| | |
|--------------------------|---|
| Capacity: | Less than 1 lb to 40 lbs per day |
| Chemical Usage: | PureCideE – 5.5 lbs-6 lbs / 1 lb ClO ₂ |
| Electrical Power: | 220 VAC, 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" |
| Weight: | 500 lbs |

Co-Products:

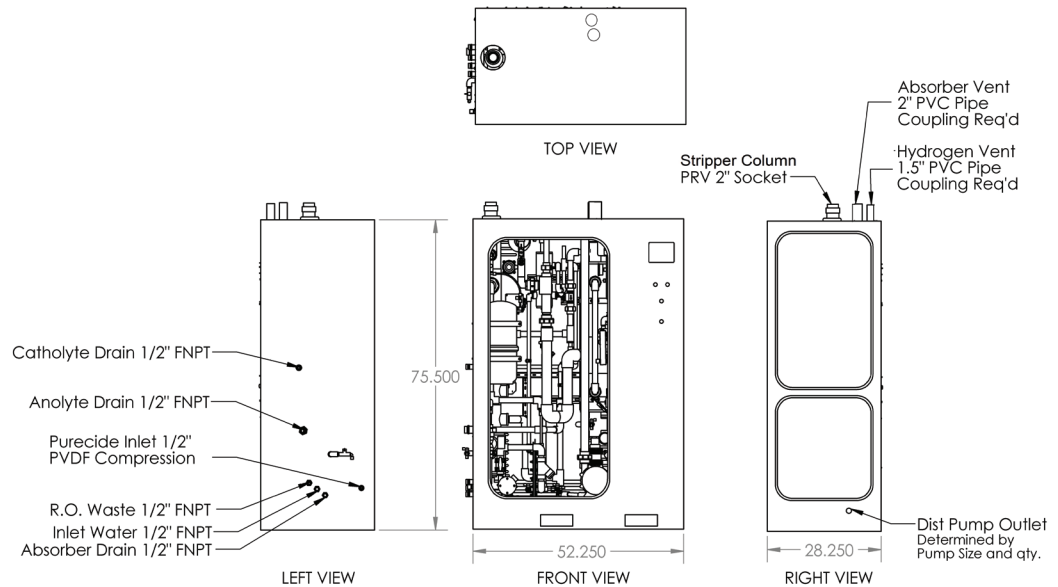
- 20% NaOH solution (.01 - .1 gpm)
- Spent chemical (.01 - .05 gpm)
- H₂ safely diluted to <0.5 vol%
- RO waste (.5 – 1.0 gpm)



▲ Process Flow Diagram

▼ HP-Series Electrochemical Generator

Common Platform — 3 lb to 40 lbs/day



Experts in the generation and application of chlorine dioxide

Pureline offers a complete line of chlorine dioxide products, solutions and accessories.



PureLine

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