

Pure 2 SERIES PureLine™

GENERATOR



Tailored for water treatment applications, the Pure 2 Generator is perfect for applications such as treating agricultural water, cooling towers, chilled loops and more. Its low-mid size capacity and operating flexibility, combined with optional ClO₂ storage and two feed streams, make it a reliable choice for consistent water quality. The Pure 2 system is fully enclosed in a floor standing solid plastic cabinet for simple integration into your facility.

Specifications

Capacity	0-150lbs/day (Low Output) 5-500lbs/day (5-22lbs/hr) (High Output)
Chemical Usage	Purecide E (31% NaClO ₂) 5.7lb/lb ClO ₂ 32% HCl 5.1lb/lb ClO ₂
Electrical Power	208-240VAC 3ph 20A (30-50A for systems with water and ClO ₂ booster pumps)
Inlet Water	80mesh filter water 5gpm @ 50psig (Low Output) 15gpm @ 50psig (High Output)
Controls	- AB PLC with color touch screen HMI - Ethernet connectivity - Remote I/O for Start/Stop, Flow Pacing, Residual, Monitoring etc. - Built in 7 day calendar with selectable timers for scheduled treatments
Cabinet	White Polypropylene enclosure
Dimensions	52-1/2" x 27-1/2" x 72-1/2"
Weight	300 lbs – 500 lbs
Co-Products	Salt (NaCl), Excess Acid (HCl).
HS Code	8421.21.0000

Pure Advantages

- Affordable, efficient system
- Low maintenance cost
- Monitoring and control capabilities
- Multiple safety interlocks
- Enhanced chem. feed control to maximize efficiency and safety
- Broad adjustable production range
1-20lbs/hr
(0-500lbs/day)



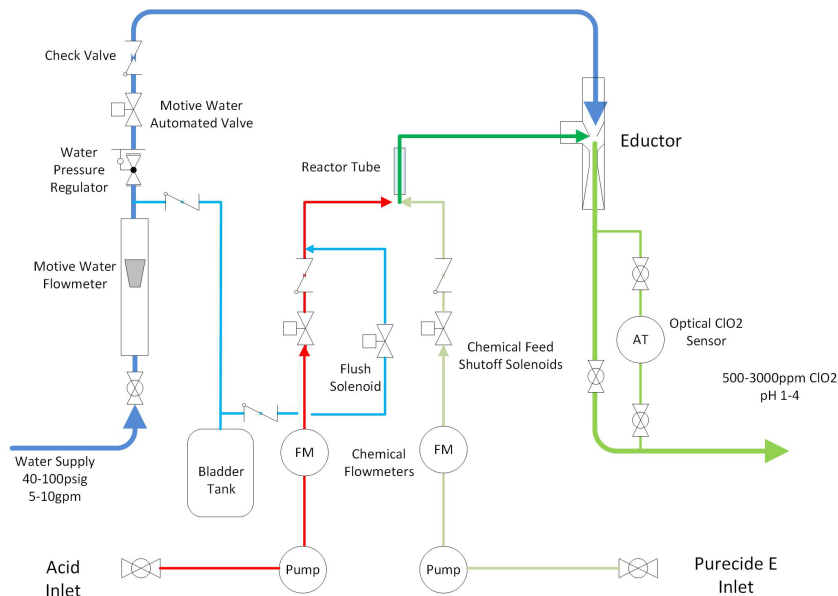
Pure Water for Your Operation

Pure 2 SERIES

GENERATOR

Our Pure 2 series of generators takes the traditional 2-chem generation method to a new level. Utilizing 15-32% hydrochloric acid and 25-31% sodium chlorite, PureLine's Pure 2 generators are able to realize conversion rates that far exceed competing lines that are only capable of converting lower concentration pre-cursors. This is one of our most affordable generators available in a fully enclosed cabinet. With few moving parts, the Pure 2 features low maintenance cost and reliable operation. The system has multiple safety interlocks and controls that allow the user to accurately maintain chem feed ratios for optimal efficiency. The system is capable of direct injection with variable output but also available with a batch tank and smart pumps for flow pacing or residual control at lower feed rates. With a relatively small footprint, the Pure 2 is ideal for affordable and safe ClO₂ generation from ←1 lb/day to → 500 lbs/day.

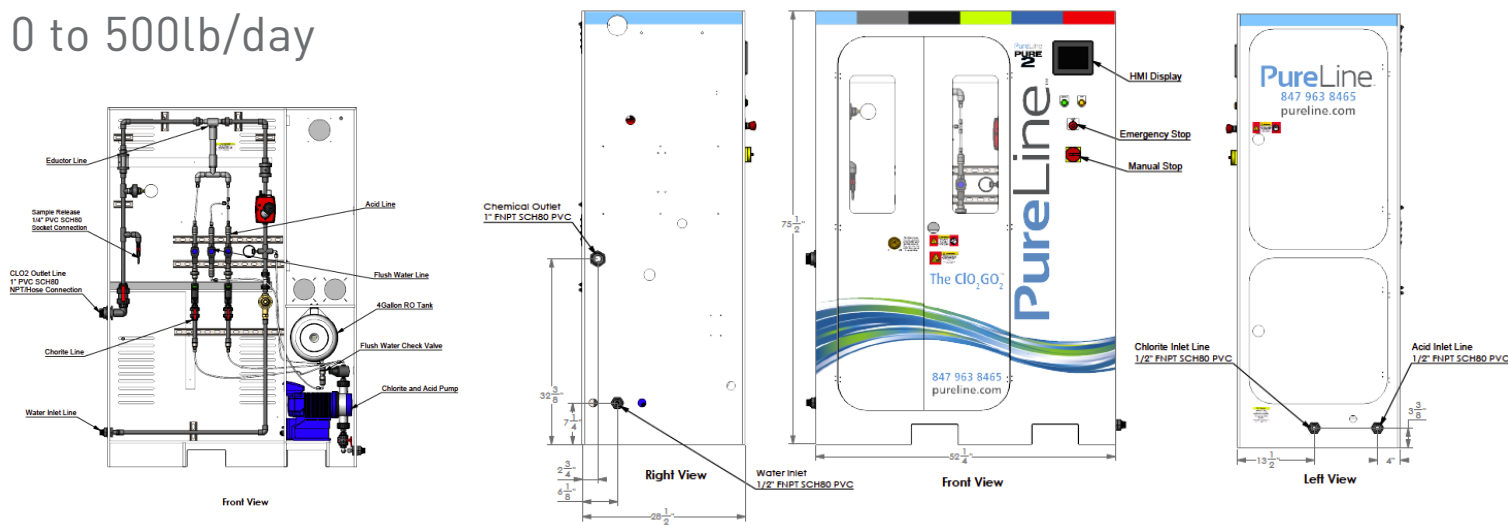
Process Flow Diagram



Pure 2 Series Chemical Generator

Common Platform

0 to 500lb/day



PureLine[™]

The leader in chlorine dioxide generation + application.

ClO₂

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