

Pure 3 SERIES PureLine™

GENERATOR



PureLine's Pure 3 generator line combines affordability with optimal efficiency and safety. Utilizing three precursors (sodium chlorite, sodium hypochlorite, and hydrochloric acid), the Pure 3 system gives our customers the best in high efficiency, medium to high volume output, and safe generation. With low maintenance cost and reliable operation, the Pure 3 system is fully enclosed in a floor standing solid plastic cabinet for simple integration into your facility.

The Pure 3 like, all of our lines, is designed with the customer's needs in mind. Capable of multiple dosing methods (flowpace, residual, timer, etc), these generators can be configured to offer remote monitoring and production tracking. Producing ClO2 on demand, there is no need for bulk storage of solution. With multiple safety interlocks, continuous output product measurement and digital connectivity, the Pure 3 system offers our customers a high level of value for their investment.

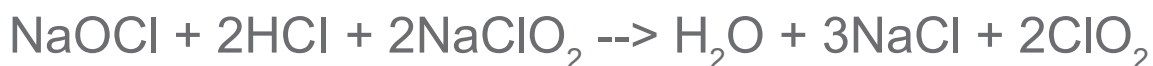
Pure Advantages

- 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)

Specifications

| | |
|------------------|--|
| Capacity | 0-150lbs/day (Low Output) 5-500lbs/day (5-22lbs/hr) (High Output) |
| Chemical Usage | Purecide E - 4.4lbs/lb ClO2 15% HCl-3.8lbs/lb ClO2 (32%HCl - 1.8lbs/lb ClO2) 12.5% NaOCl -4.5lbs/lb ClO2 (15% NaOCl - 3.7lbs/lb ClO2) |
| Electrical Power | 208-240VAC 3ph 20A (30-50A for systems with water and ClO2 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 3 compartment (generator, electrical and acid pump) |
| Dimensions | 52-1/2" x 27-1/2" x 72-1/2" |
| Weight | 300 lbs - 500 lbs |
| Co-Products: | Salt (NaCl -1.5lb/lb ClO2), Excess HCl <1lb/lb ClO2 |

Reaction Chemistry

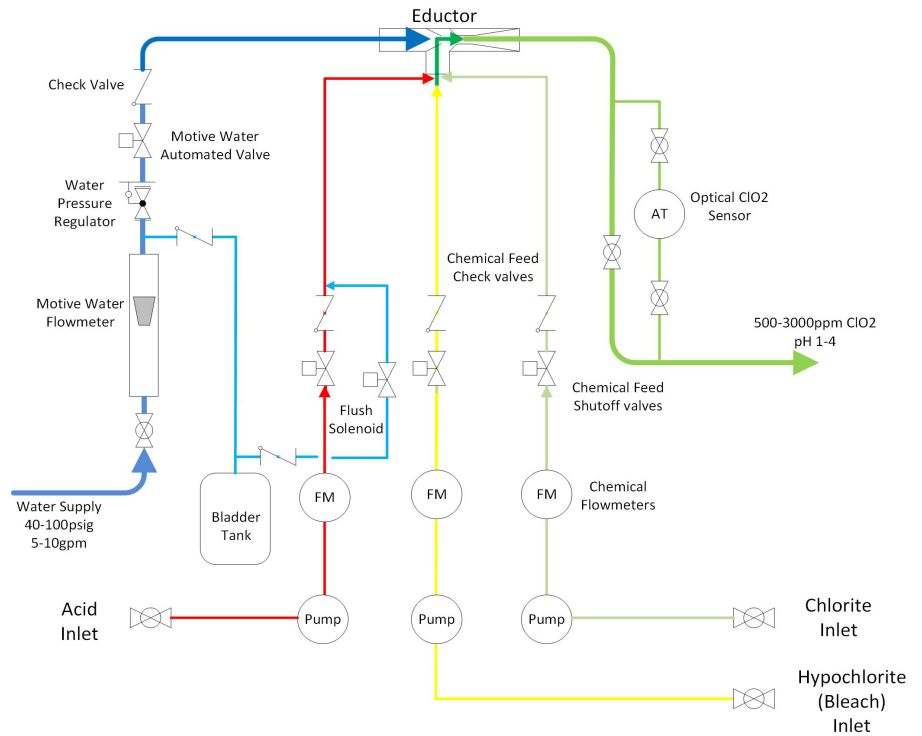


Pure Water for Your Operation

Pure 3 SERIES

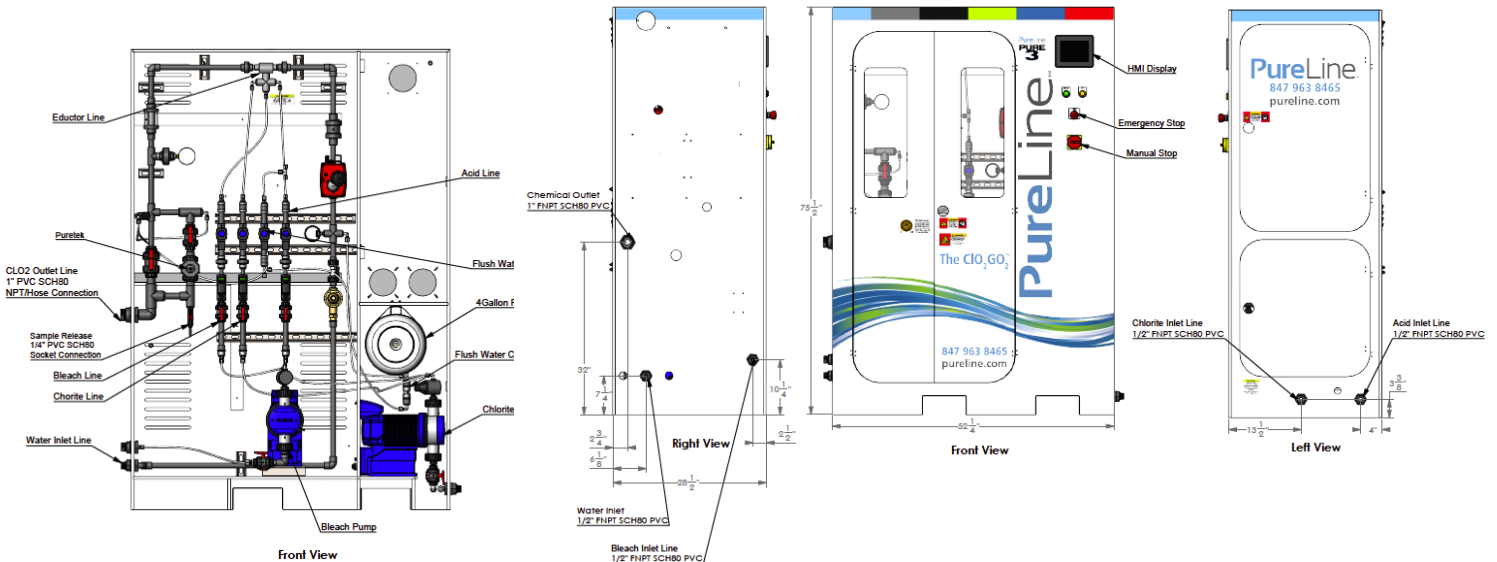
GENERATOR

Process Flow Diagram



Pure 3 Series Chemical Generator

Common Platform 0 to 500lb/day



PureLine[™]

The leader in chlorine dioxide generation + application.

ClO₂

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