

ENVIROLYTE

HYPOCHLOROUS ACID GENERATOR DISINFECTION SYSTEM

**POWERFUL DISINFECTING AND CLEANING SOLUTION GENERATED ON-SITE,
AND ON-DEMAND. EFFECTIVE AGAINST ALL LAUNDRY INFECTIOUS AGENTS.**

Benefits

- Non-toxic, Non-corrosive
- Leaves No Residue
- Replaces Harmful Purchased Chemicals
- Low Operating Cost per Gallon
- EPA List N Approved Disinfectant
- Powerful and Versatile Disinfectant

Uses

- Bacteria and Virus Inactivation (spray or fog)
- Hard Surface Cleaning
- Food Wash / Prep

Performance

- Min Solution Output: 5.28 gal/hr
- Max Solution Output: 10.57 gal/hr
- Low Pressure: 2.90 psi
- High Pressure: 8.70 psi
- pH Range (selectable): 2 - 8.5
- FAC of Solution: 200 - 500ppm
- Salt Consumption: 6.4lbs / 253 gal

Dimensions & Weight

- Cabinet Size: 31.5" x 47.2" x 12"
- Mounting Stand: 48" x 48" x 22.5"
- Cabinet Weight: 80 lbs
- Stand Weight: 120 lbs



Utilities

- Water Supply: 15 - 25 psi
- Electrical Supply: 120v/60Hz/1
- Power Consumption: 8 amp
- Breaker Requirements: 15 amp

Included

- Envirolyte ela-400ANW
- 44 Gal Holding Tank
- Brine Tank
- Regulator / Filters
- Associated Tubing
- Mounting Stand
- 1-Year Warranty

WHAT IS HYPOCHLOROUS & HOW DOES IT WORK?

Brine + Water + Electricity = HOCl

Hypochlorous Acid (HOCl) is an extremely powerful oxidizing agent obtained through the electrolysis of salt and water. Due to its neutral charge, it readily binds to the cell membrane of microorganisms, leading to the destruction of the membrane and the eradication of the cell. Extensive research has demonstrated that HOCl is remarkably effective against drug-resistant bacteria and viruses, including C-Diff, MRSA, HIV, TB, and VRE. Unlike most chemical disinfectants, which are repelled by microorganisms due to their opposite electrical charge, HOCl is a natural and non-toxic solution that outperforms liquid bleach by a factor of 80-100, with quick dwell times of less than 60 seconds.

Sodium Hydroxide (NaOH), a by-product of HOCl production, is an alkaline solution with various practical uses. It serves as an excellent degreaser, surface and glass cleaner, carpet shampoo, vegetable wash, and all-purpose cleaning solution. In fact, many commercial cleaners on the market today rely solely on NaOH as their active ingredient. As a by-product of HOCl generation, NaOH can be either stored or disposed of down the drain.

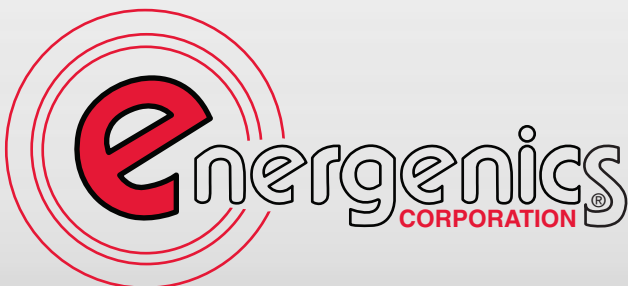
QUATERNARY VS HOCl EFFECTIVENESS

Organisms	Quaternary Chemical Kill Time	"Hypochlorous" 200 PPM Kill Time
Staph Aureus	3 min	5 sec
Klebsiella Pneumoniae	3 min	5 sec
E. Coli	3 min	5 sec
Pseudomonas	3 min	5 sec
Streptococcus	3 min	5 sec
MRSA	3 min	30 sec
HIV	1 min	60 sec
Influenza A	1 min	30 sec
Hepatitis B	3 min	30 sec
Norovirus	5 min	30 sec
Feline Calicivirus	5 min	30 sec
Covid-19	1 min	5 sec
Clostridium Difficile	n/a	30 sec
Hemophilus Influenza	n/a	5 sec
Enterovirus	n/a	5 sec
Salmonella Typhi	n/a	5 sec
Staphylococcus Epidermidis	n/a	5 sec
Listeria Monocytopenia	n/a	5 sec

MODELS

ELA-200ANW	5.28 GAL/HR
ELA-400ANW	10.57 GAL/HR
ELA-900ANW	23.78 GAL/HR
ELA-1200ANW	31.70 GAL/HR
ELA2000ANW	52.83 GAL/HR
ELA-3000ANW	79.25 GAL/HR

GENERATE YOUR OWN HIGHLY EFFECTIVE, NON-TOXIC CHEMICAL DISINFECTANT FOR AS LITTLE AS .03 CENTS PER GALLON!!



1470 Don Street
Naples, FL 34104
tel. (239) 643-1711
fax (239) 643-6081

www.energenics.com