

# 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?

## Saltwater + Water + Electricity = HOCl

Hypochlorous Acid (HOCl) is a highly potent oxidizing agent derived from electrolysis of salt and water. Its neutral charge allows for easy binding to the cell membrane of microorganisms, destroying the membrane and killing the cell. Studies have shown HOCl is highly effective against resistant strains of bacteria and viruses such as C-Diff, MRSA, HIV, TB, and VRE. Most chemical disinfectants are repelled from microorganisms by their opposing electrical charge. A natural, non-toxic solution, HOCl has been demonstrated to be 80-100 times more effective than liquid bleach with realized dwell times of under 60 seconds.

Sodium Hydroxide (NaOH), a by-product of HOCl production, is a PH basic solution that acts as an effective degreaser, surface and glass cleaner, carpet shampoo, vegetable wash and all-around cleaning solution. NaOH is commonly found as the only active ingredient in many of today's commercial cleaners. As a byproduct of HOCl generation, it may be reserved or put to drain.

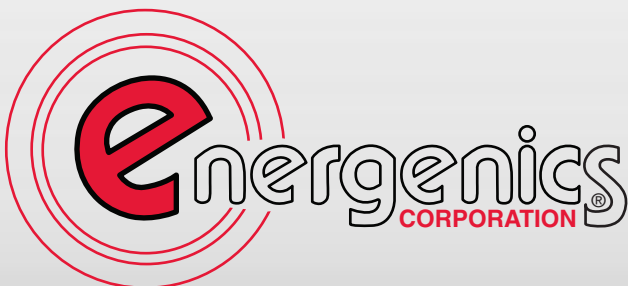
## QUATERNARY VS HOCl EFFECTIVENESS

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

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

**GENERATE YOUR OWN HIGHLY EFFECTIVE, NON-TOXIC CHEMICAL DISINFECTANT FOR AS LITTLE AS 2.5 CENTS PER GALLON!!**



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