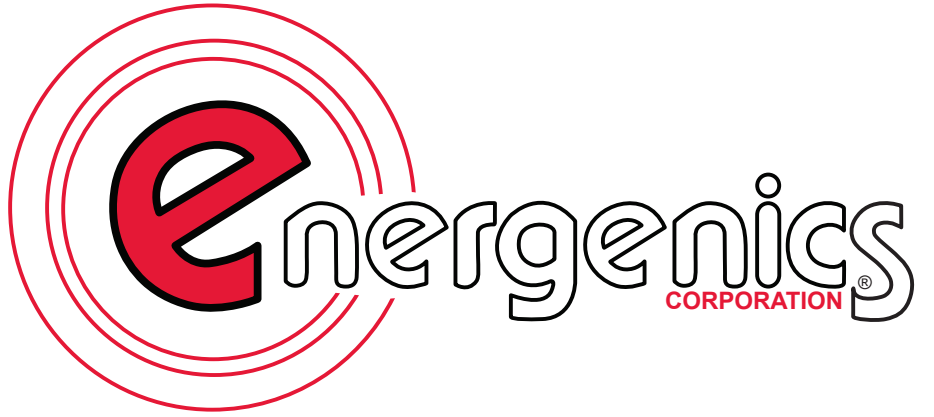


KARTWASHER



**ADVANCED DISINFECTION
TECHNOLOGY**

energenics.com

FEATURES

ENERGENICS KARTWASHERS **HYPOCHLOROUS (HOCl) OR QUATERNARY** **"HYGIENICALLY CLEAN CARTS"**

**Factory
Tested / Fully
Assembled**

**Rugged
Stainless Steel
Build**

**User Adjustable
pH & Chemical
Strength**

**Pit or Built-in
Sump Installation**



**Insulated Dual
Wall
Construction**

**UL Listed
Controls and
Components**

**Low Water
Consumption
(< 1gal/cart)**

**Easily Accessible
Service Components**

****Meets Industry Healthcare Certifications****

Added Benefits

- **Advanced "Quick Kill" Technology Provides 30 Second Disinfection**
- **Effectively Kills C-Diff., MRSA, HIV, & TB**
- **Capable of Disinfecting 40 Carts per Hour**
- **2-Cents per Cart Operating Costs* (*HOCl)**
- **No Daily Adjustments Required**

OPTIONS

Hypochlorous Acid "Quick Kill"

Highly potent disinfectant derived from an electrolyzed salt brine solution that will bind to the cell membrane of a bacteria, fungus, or virus and destroy the membrane, killing the cell. In current cart disinfection technology, this is the only method of killing C-Diff., MRSA, and VRE all in 30 seconds or less.

- 100% Non-toxic
- Leaves No Residue
- Solution Generated Within Unit
- No Outside Purchased Chemicals
- User Adjustable pH for Maximum Control
- Hygienically Clean Cart at End of Cycle
- 2-Cents per Cart Operating Cost
- Fastest Cart Disinfection in the Industry

Quaternary Chemicals

A standard of the industry for more than 30-years, quaternary ammonium compounds ("Quats") are effective disinfectants with some detergent properties. Quats will effectively kill bacteria and are somewhat effective against fungi and viruses. Require longer dwell times (follow manufacturers recommendations).

- Established Industry Standard
- Effective Versus Bacteria, Viruses
- Requires Purchased Chemicals
- Some Detergent Action
- End-Cycle Disinfectant Reapply Available
- Longer Dwell Time

HOCI KEY BENEFITS

Highly effective: Kills 99.9999% of bacteria and viruses including

Covid-19 Superior: It is 80-120 times more effective than bleach.

Fast: Works in seconds rather than minutes.

Safe: Completely harmless to people, animals and the environment.

Convenient: Does not require PPE to use.

Flexible: Used on all surfaces, including fabrics and clothes.

Labor saving: Used with fogging systems to improve cost-effectiveness.

Economic: Competitively priced.

Environmental: 100% organic, eco-friendly, non-toxic, and bio-degradable

	Bleach	Quats	HOCL
Effectiveness	Varies	Varies	99.9999% ¹
Speed of kill	Minutes	Minutes	Seconds
pH	13	13	6.5-7
Astmagen	Yes ²	Yes ³	No
PPE Required	Yes	Yes	No
Fragrance & dyes	Yes	Yes	No
Needs a rinse	Yes	Yes	No
Safe around children, adults and animals	No	No	Yes
No rinse food contact sanitiser	No	No	Yes
Mouth wash & eye rinse	No	No	Yes
Leaves harmful residues behind	Yes	Yes	No
Use as hand sanitiser	No	No	Yes
Can cause superbug formation	Yes	Yes	No

¹ HOCL is 80-100 times more effective than bleach

² Can exacerbate respiratory issues

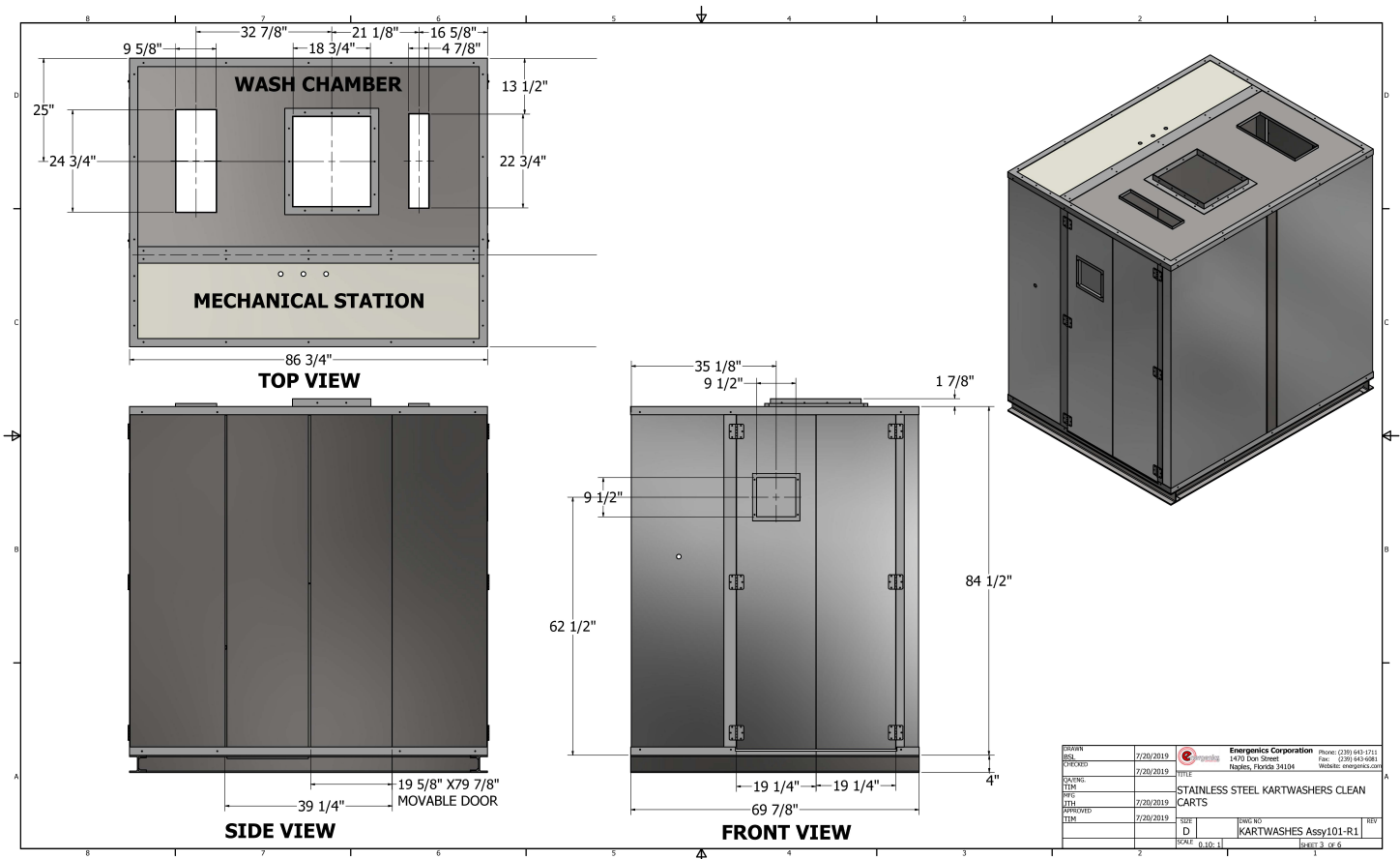
³ Can cause primary asthma with one exposure , AOEC List

Source: <https://ppfdisinfect.com/resources/faqs/>

INSTALLATION

Dimensions & Utility Requirements

- **Water**
1/2" NPT, 10 GPM @ 35 PSI, Cold Softened
- **Compressed Air**
1/2" NPT, 1 CFM @ 80 PSI
- **Electrical**
480/60/3 = 20 FLA, 240/60/3 = 40 FLA
*HOCI requires additional 120/60/1 = 20 FLA



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