

HYPOGEN 5.0 Auto

Producing a powerful Hypochlorous solution on-site has never been easier



The HYPOGEN model 5.0 Auto

The ChlorKing® HYPOGEN 5.0 Auto is a stand-alone, on-site generator optimized to produce hypochlorous acid with an adjustable pH. Using ChlorKing technology the system converts salt, water and electricity into an effective and powerful solution that can substitute for a number of conventional chemicals used on a daily basis. This translates to a strong supply chain and savings over time. Keeping your business operating smoothly is easy with a HYPOGEN auto.

Uses

- Kills bacteria⁽¹⁾
- Kills viruses⁽²⁾
- Sanitizes⁽³⁾ hard surfaces
- Cleans multiple surface types
- Any situation where sodium hypochlorite or calcium hypochlorite have traditionally been used.

Skid dimensions and weight

Depth x Width x Height	19" x 36" x 60"
Weight	130 lbs.

Shipping dimensions and weight (Crate)

Depth x Width x Height (crate)	24" x 40" x 70"
Weight	326 lbs.
Pallet with salt & vinegar feeder	40" x 48" x 30"
Pallet weight	82 lbs.
Harmonized tariff code	8421.21.00

Electrical requirements

Max AC primary amps	8amps @ 110v
Voltage / Hz	110-240v 50/60Hz
Phase	Single
Breaker required	15 amp

Generator performance

	500ppm FAC	1,000ppm FAC
Water flow	0.6 gpm	0.25gpm
Water pressure (min)	25psi (2 Bar)	
Water pressure (max)	50psi (4 Bar)	
Water softener required	No	No
Hypochlorous acid produced	864 gallons / day	360 gallons / day
pH of solution (4 options)	5.5 / 6.0 / 6.5 / 7.0	
FAC of generated solution	>500ppm	>1,000ppm
Estimated salt usage (lbs. used / gal. produced)	21.5 lbs. / 864 gal.	9.7 lbs. / 360 gal.
At ph 6.0 Estimated vinegar usage (Diluted gal. used / gal. produced)	3.3 gal. / 864 gal.	2.6 gal. / 360 gal.

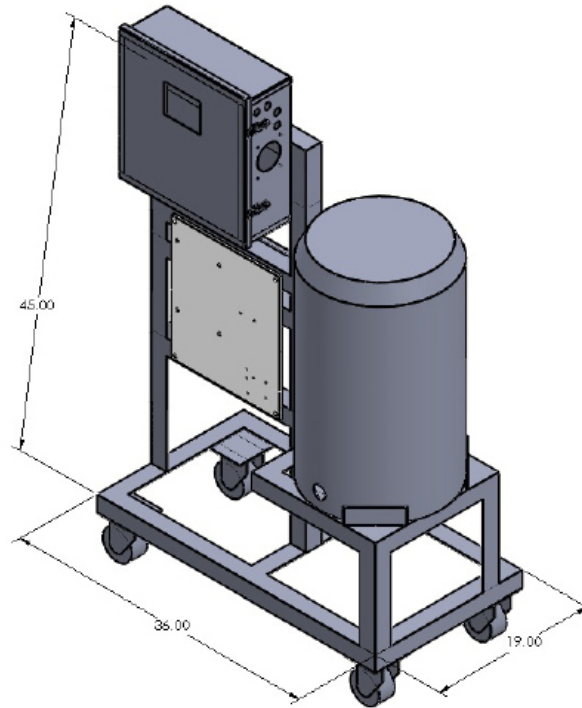
Specifications

Power supply	50amp 24v DC switch mode
Electrode stack (cell)	10,000 - 15,000 hour reverse polarity
Operating temperature (Air)	45°F - 115°F (7°C - 46°C)
Operating temperature (Water)	50°F - 80°F (10°C - 26°C)

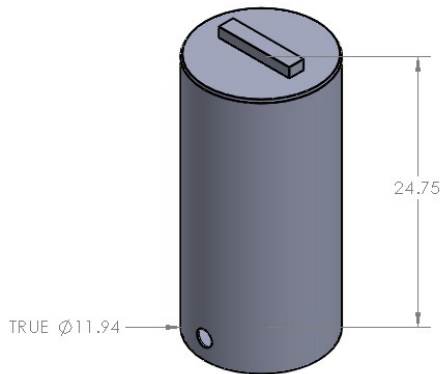
(1) Bacterias tested by third party labs [PASS, 10 MCT]: Pseudomonas Aeruginosa (ATCC 15442), Staphylococcus Aureus (ATCC 6538)
 (2) Viruses tested by third party labs [Log Reduction > 4.25, 10 MCT]: Rhinovirus 37 (Strain 151-1 ATCC VR-1607), Adenovirus 5 (Strain Adenoid 75, ATCC VR-5), Phi6 Bacteriophage
 (3) Sanitizer for use on hard surfaces, Staphylococcus Aureus (ATCC 6538), 1 MCT.

Dimensions

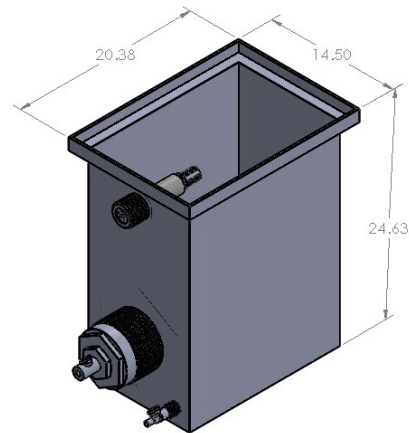
SKID MOUNTED HYPOGEN



ACID / VINEGAR FEEDER



SALT FEEDER



NOTE: The customer is responsible for sourcing the pelleted salt (99% purity) and the vinegar (30%) required to run the HYPOGEN.

ChlorKing pioneered on-site chlorine generating technology in the 1970's. Realizing the potential for swimming pools and commercial applications, the company began generating "ultimate water" with simple, yet highly advanced technology. Today, ChlorKing® leads the way in commercial saline chlorination and is consistently seeking new frontiers in sanitizing solutions including ultraviolet light technology and their NEX-GEN® pH onsite chlorine generators. These environmentally friendly solutions are changing the way we treat H₂O.



EPA Establishment Number: 82229-GA-1

Salt Chlorination Systems • Ultraviolet Light Systems • Mixed Oxidant Systems