

HYPOGEN 5.0

Effective sanitizing
solution made
on-site



The HYPOGEN model 5.0

The ChlorKing® HYPOGEN 5.0 is a stand-alone, on-site generator optimized to produce hypochlorous acid with neutral 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.

Uses

- Bacteria inactivation
- Virus inactivation
- Cleaning food surface preparation areas
- Tile floor cleaning
- Any situation where sodium hypochlorite or calcium hypochlorite have traditionally been used.

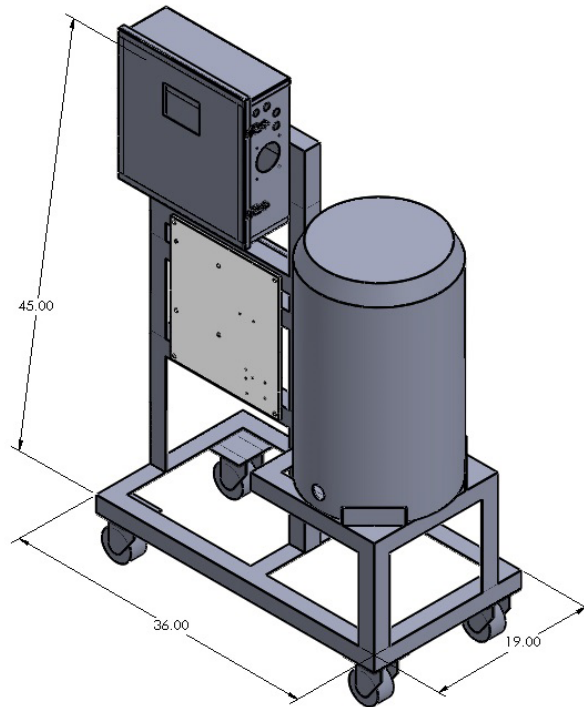
Specifications

- Touch-screen display
 - › Size 5" x 4" color display
 - › Resistive touch membrane overlay
- Built in safety sensors
 - › Water, flow, & level sensors
- Power supply
 - › 50 amp 24v DC water-cooled switch mode
- Electrode stack
 - › [1] x 15,000 hr reverse polarity
- Operating temperature
 - › 45°F (7°C) to 115°F (46°C) air temperature
 - › 50°F (10°C) to 80°F (26°C) water temperature
- Electrical specifications
 - › Max AC primary amps – (8)
 - › Voltage / Hz – (110-240v 50/60Hz single phase)
 - › Breaker required – (15 amp)

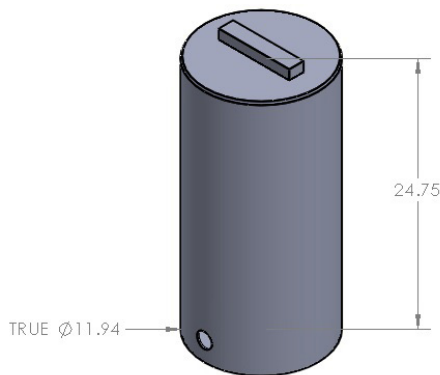
Skid dimensions and weight		
Depth x width x height	19" x 36" x 60"	48cm x 91cm x 152cm
Weight	80 lbs.	36 kg
Water required		
Water flow	0.25 gpm	0.9463 lpm
Water pressure (min)	25 psi	2 bar
Water pressure (max)	50 psi	4 bar
Water softener required	No	
Generator performance		
Hypochlorous acid (sanitizer)	0.25 gpm (360 g / day)	0.9463 lpm (1,362 l / day)
(sanitizer) pH	5.5 - 7 adjustable	
(sanitizer) FAC	> 1,000ppm	
Salt and acid usage		
Estimated salt usage	10 lbs. / 240g	4.5 kg / 908 L
Estimated acid usage	1g / 180g	3.7 L / 680 L
Salt type	Rock, solar or evaporated	
Acid type	Acetic acid / Muriatic acid (application?)	

Dimensions

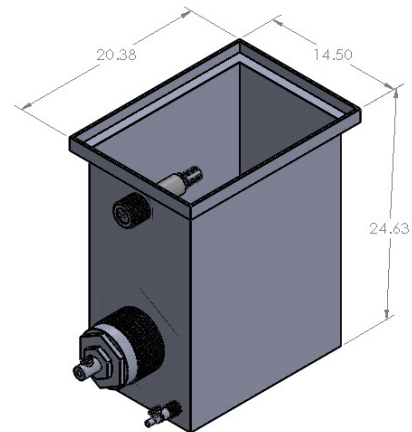
SKID MOUNTED HYPOGEN



ACID / VINEGAR FEEDER



SALT FEEDER



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.



Safer water through smarter technology.

Salt Chlorination Systems • Ultraviolet Light Systems • Mixed Oxidant Systems

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