

HYOGEN 25

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



The HYPOGEN model 25

The ChlorKing® HYPOGEN 25 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

- 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.

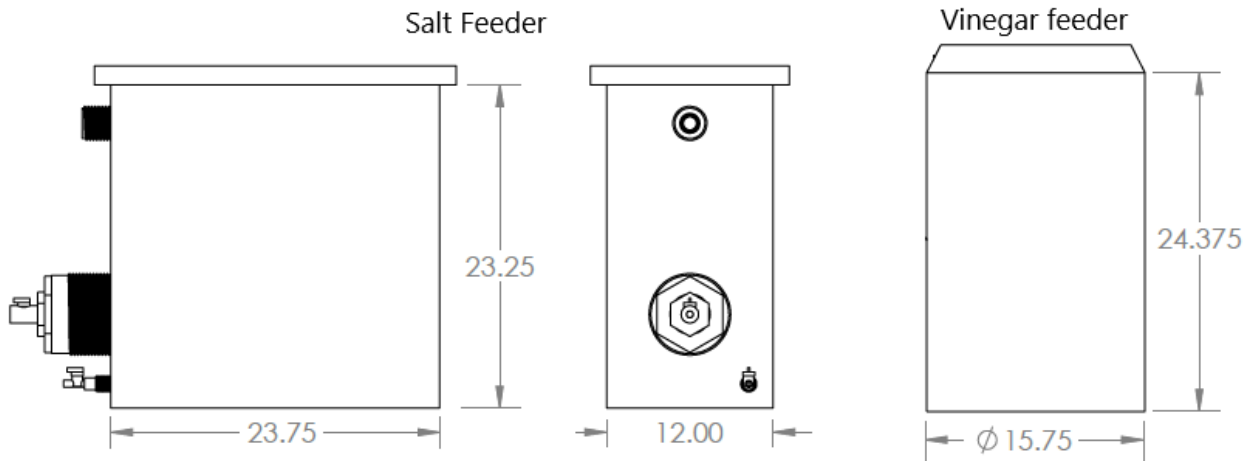
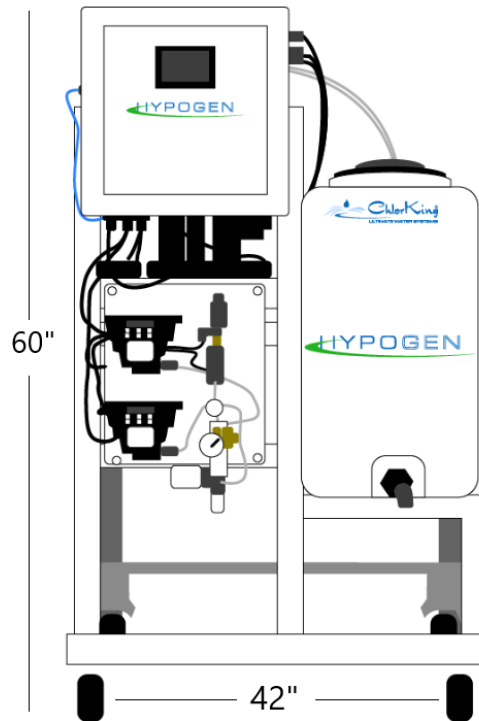
Specifications

- Touch-screen display
 - › Size 5" x 4" color display
 - › Resistive touch membrane overlay
- Built in safety sensors
 - › Water, flow, & level sensors
- Power supply
 - › 100 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 – (24)
 - › Voltage / Hz – (208-240v 50/60Hz single phase)
 - › Breaker required – (40 amp)

Skid dimensions and weight		
Depth x width x height	24" x 42" x 60"	60cm x 106cm x 152cm
Weight	280 lbs.	127 kg
Water required		
Water flow	1 gpm	3.785 lpm
Water pressure (min)	25 psi	2 bar
Water pressure (max)	50 psi	4 bar
Venting required	2" outlet to atmosphere	
Water softener required	No	
Generator performance		
Hypochlorous acid (sanitizer)	1 gpm (1,440g / day)	3.785 lpm (5,490 l / day)
(sanitizer) pH	5.5 - 7 adjustable	
(sanitizer) FAC	> 1,000ppm (500ppm module available)	
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	

(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



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: 82229-GA-1

Salt Chlorination Systems • Ultraviolet Light Systems • Mixed Oxidant Systems

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