

## Hypochlorous Acid

# A Smarter, Effective, Eco-Friendly and Lowest Cost Sanitizer and Disinfectant Available!

## Gram Neutral - Attracted to All Pathogens For Veterinary Clinics

Hypo—a go-to solution for veterinarians.  
Sanitize & disinfect exam tables, floors,  
ceilings, all high contact areas in clinics.

Kills 99.9 % of bacteria  
& viruses. 80 to 100  
times more effective  
than bleach.



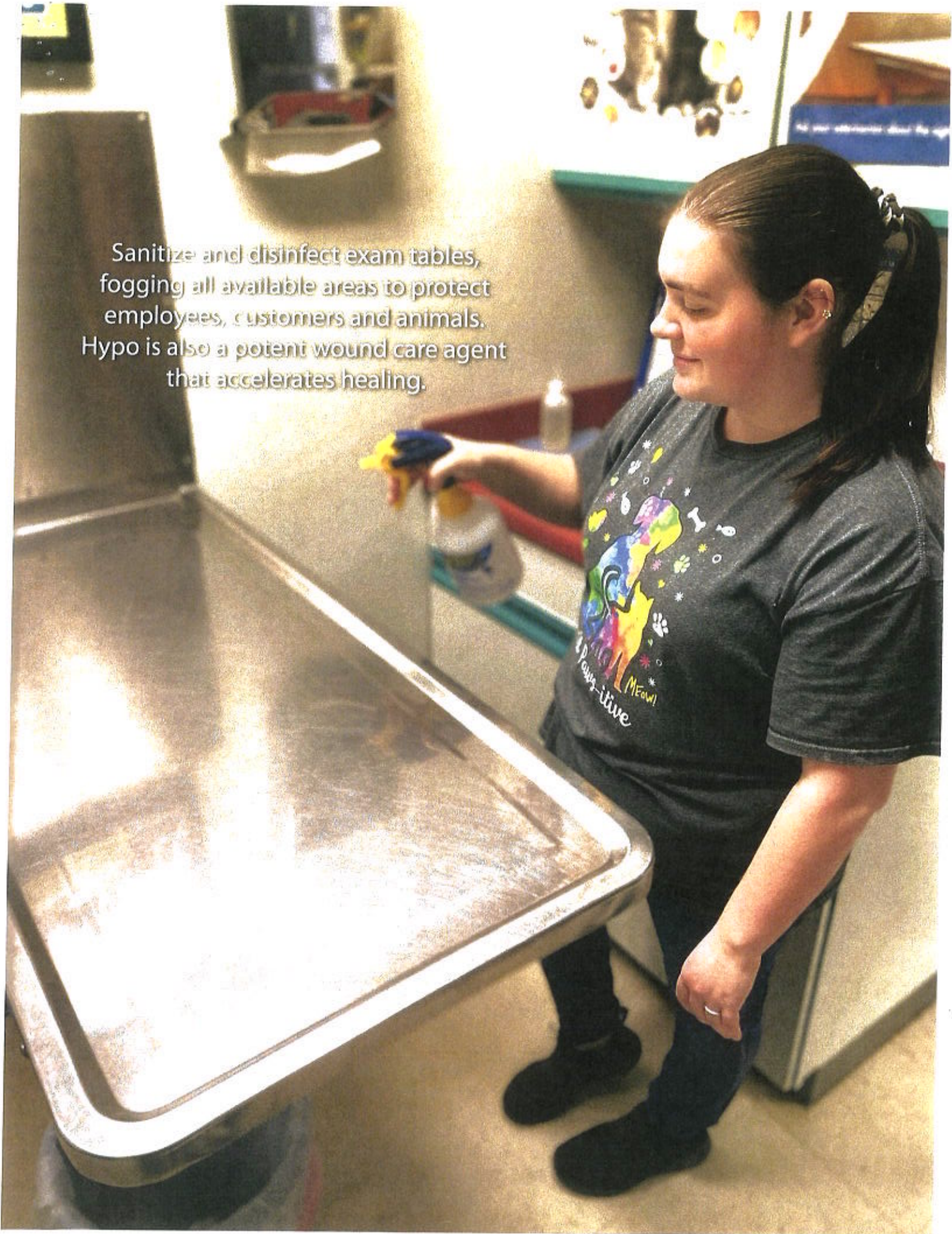
Hypochlorous is produced naturally by  
the human body during immune  
response called phagocytosis.

Eliminate quarternary ammonium  
compound which can create health  
issues and leave soap residue.

# A SMARTER ALTERNATIVE IS HYPOCHLOROUS ACID

1. Hypochlorous Acid is produced in the human body and released by the white blood cells during immune response.
2. Avenova: An FDA approved Hypochlorous Acid Eye Wash. To control the root causes of chronic eye conditions by targeting the root cause – Bacteria!
3. BRIO-ORALSwish: An FDA and EPA registered product. A Hypochlorous Acid mouthwash to offer superior results against gingivitis, periodontitis, bleeding gums and oral procedures.

Sanitize and disinfect exam tables, fogging all available areas to protect employees, customers and animals. Hypo is also a potent wound care agent that accelerates healing.





Hypochlorous—a vet's go-to solution to disinfect, sanitize, deodorize every surface in your kennel.

You can fog all cages (safe for all animals) to eliminate 99.9% of bacteria and viruses.



# STRATEGIC APPLICATIONS

## HOCL

### Hypochlorous Acid

#### **Dental Offices**

- sanitizing & disinfecting equipment
- fogging operatories & patient waiting areas

#### **Physicians Offices**

- disinfect & sanitize exam rooms and equipment
- disinfect & sanitize waiting area by spray bottles or foggers

#### **Hospitals**

- sanitize & disinfect all areas & equipment by fogging or using spray bottles
- hand sanitize

#### **Surgery Centers**

- disinfect surgical instruments prior to surgery
- used by surgeon as hand sanitizer before surgery
- disinfect & sanitize waiting area
- burn patients – infection control

#### **Veterinarians**

- disinfect & sanitize office equipment, animal cages, waiting areas and operatories
- fogging or spray bottles

#### **Restaurants**

- sanitize & disinfect kitchen, bar area and equipment such as cutting boards
- tables and chairs with spray bottles
- fogging entire space

#### **Schools and Day Cares**

- disinfect & sanitize all areas (classrooms, bathrooms, locker rooms, offices) by fogging equipment or spray bottles

#### **Churches**

- disinfect & sanitize all areas of facility by fogging or spray bottles

#### **Poultry & Food Plants**

- incorporate hypochlorous acid to eliminate costly and hazardous chemicals that are currently being used, such as quaternary ammonium compounds
- disinfect & sanitize all foodline processing equipment including walls and floors

# HYPOCHLOROUS BENEFITS

- Only 2 ingredients required to formulate Hypochlorous: non-iodized salt & vinegar; Cost—10 cents per gallon
- EPA and FDA approved
- Improved efficiency, reducing the number of disinfectants on hand
- Environmentally responsible and biodegradable
- Improves air quality; Eliminates & removes odors in the kitchen and bathroom caused by bacteria
- Will not damage carpets, cloth surfaces or clothing
- Our own white blood cells produce hypochlorous during immune response called phagocytosis

## RECOMMENDED HYPO SOLUTION CONTENTS

- \* 500 PPM – Infogging unit
- \* 500-200 – Based on your knowledge of volume of customers through your facility

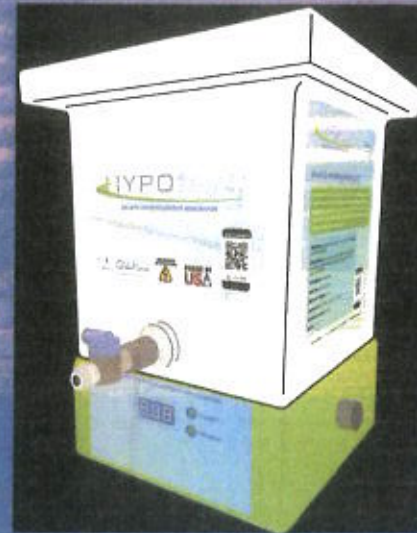
Welcome to the Next Generation  
of Producing Effective and Safe  
Sanitizers and Disinfectants.

**HYPOGEN™**

by  **ChlorKing®**  
ULTIMATE WATER SYSTEMS

# HYPO-mini

Producing a Hypochlorous solution on-site has never been easier



## The HYPO-mini

The HYPO mini is a compact entry level offering for generating hypochlorous onsite. Compact does not mean weaker. The HYPO mini packs a heavyweight punch! The HYPO mini rests on the foundation of the ChlorKing 20 year tried and tested electrolytic cell. Customers can be assured they are getting a powerful hypochlorous solution at either 200 or 500ppm concentration in as little as 8 minutes! There is a 3 year limited warranty on the HYPO mini and 2,000 hours of life on the cell. At just 8 cents to produce a gallon of hypochlorous ... no brainer! The HYPO mini is a thing of duty and a very hard worker. Thank you for your business and we look forward to working with you.

## 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.

### Dimensions and weight

Length x Width x Height	10" x 10" x 13"
Weight	8.5 lbs.

### Shipping dimensions and weight

Length x Width x Height (Box)	15" x 15" x 15"
Weight	10 lbs.
Harmonized tariff code	8421.21.00

### Electrical requirements

Max AC primary amps	0.6amps @ 110v
Voltage / Hz	110-240v 50/60Hz
Phase	Single
Breaker required	15 amp

### Generator performance

	200ppm FAC	500ppm FAC
Water softener required	No	No
Hypochlorous acid produced	2 gallons per batch	
pH of solution	5.5 - 6.5	
FAC of generated solution	>200ppm	>500ppm
Estimated salt usage	2 tablespoons per batch	
5% vinegar used (tablespoons per batch)	2 tablespoons	4 tablespoons

### Specifications

Power supply	8amp 12v DC
Electrode stack (cell)	2,000 hour
Operating temperature (Air)	45°F - 115°F (7°C - 46°C)
Operating temperature (Water)	50°F - 80°F (10°C - 26°C)

# Dimensions



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 H<sub>2</sub>O.



Safer water through smarter technology.

Salt Chlorination Systems • Ultraviolet Light Systems • Mixed Oxidant Systems

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# THE SOLUTION TO YOUR DISINFECTING NEEDS

## PRODUCTS OFFERED BY IMPACT CHEMICALS

### Hypo-Mini



Single Unit – with Mixing Utensil  
and Tube for Filling Spray Bottles

### Accessory Package



Includes Heavy Duty Cart,  
Hypo-Mini, Oilless Air Compressor  
and Volume Control Fogging Unit,  
2-gallon Bucket and Storage Bag

### Larger Fogging Units



Heavy Duty Hand Truck with  
Oilless Air Compressor and  
Volume Control Fogging Unit