

Safer water through smarter technology

## NEW-GEN NEUTRAL ELECTROLYZED WATER GENERATORS



### SAFER WATER THROUGH SMARTER TECHNOLOGY.

ChlorKing® NEW-GEN neutral electrolyzed water generators are leading the way to better, safer water. Their unique, forward-thinking design converts salt and water into a solution that is highly effective in destroying bacteria, spores, fungi, viruses and moulds. And they pay for themselves through lower cost of operation and a longer lasting system.



# NEUTRAL ELECTROLYZED WATER GENERATORS

**NEW** (Neutral Electrolyzed Water) is an all-natural, organic, non-toxic, non-irritant, environmentally and ecologically safe sanitizing and disinfecting solution. It is produced from the electrochemical reaction of water, salt and electricity. The applications for this technology are infinite and include any process requiring a sterilizing, disinfecting, cleaning or water purification. The primary component of NEW is hypochlorous acid, the most effective element of chlorine. NEW is pH neutral, super-oxidized water that is generated by electrolysis of a diluted NaCl solution that passes through an electrolytic membrane. This process creates large volumes of a gentle, but extremely potent antimicrobial solution capable of rapid reduction of bacteria, viruses,

spores, cysts, scale and bio-film.

NEW is stable, cost-effective to produce, greener than traditional chemical technologies, and can be used in multiple applications across a wide variety of industries. NEW is an oxidizing agent; due to a mixture of free radicals it has an antimicrobial effect. Studies have shown that NEW is highly biocidal and can substantially reduce pathogens such as Salmonella and E. coli without the use of costly toxic chemicals. In addition, it offers the added benefits of being able to remove Biofilm and scale from manufacturing equipment, thus, greatly minimizing a major contributor to contamination problems. Because NEW effectively destroys

microorganisms, they cannot build up resistance to NEW as they can to other sanitizers and disinfectants.

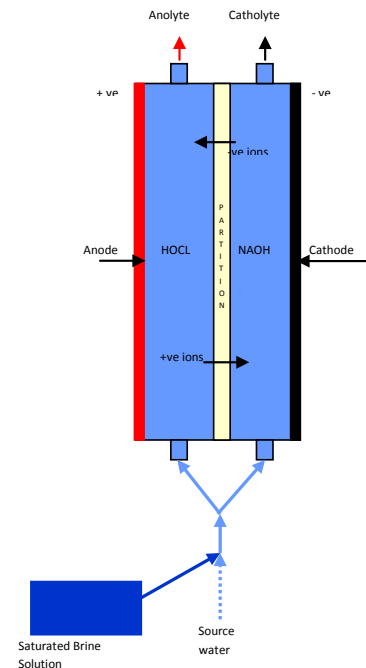
Standard toxic chemicals can create strains of pathogens that become resistant over time, because the cell can expel or neutralize the chemical before it can kill it, thereby causing the overall efficacy of chemical cleaners and disinfectants to be significantly reduced.

## Applications

- Swine
- Turkey
- Dairy
- Commercial green houses
- Food and beverage industries
- Potable water treatment
- Any many more....

## THE CHLORKING ADVANTAGE

- Reduced contact time
- Reduction in chemical costs
- Removes biofilm and pathogens
- Safe and effective
- Eliminates hazardous chemicals
- More effective sanitizer than chlorine
- "Plug and play" technology
- No hazardous use permit required
- Industrial water-cooled power supplies
- Less corrosive than alternate products
- Most reliable system on the market
- Designed, manufactured and supported in the U.S.A



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.

On-site Chlorine Generators • Ultraviolet Light Systems • Mixed Oxidant Systems