SANITIZATION SYSTEMS

- SaniCart™
- Foamer
- ClensAir™
- Vehicle Disinfectant
preservation through innovation with the power of water and air

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www.aguair.com

www.facebook.com/Preservation.Through.Innovation

Watch us on YouTube
# Products

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<td>unique, point-of-use, ultrasonic humidity system that atomizes the water at the nozzle level, eliminating the need for a holding tank or reservoir</td>
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<td><strong>Aquatronics™</strong></td>
<td>the ideal solution for maintaining high humidity levels without wetness in medium to large storage spaces</td>
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<td><strong>ClensAir™</strong></td>
<td>6-stage, air purification system using the latest UV and photo-catalytic disinfecting technology</td>
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<td>mobile sanitization delivery system’s engineered to sanitize a controlled environment or transportation trailer efficiently &amp; effectively</td>
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## New Sanitization Systems

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<td>precisely inject disinfecting solution directly into the flow</td>
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<td>produces ice that contains low concentrations of sanitizer for a variety of uses</td>
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<td>array of fluid mixing and dispensing devices that can be used in any application where solutions are to be mixed with water or other liquids</td>
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## INDUSTRIES SERVED
solutions for all applications

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Aguair prides itself as a world leader in the science and technology of preservation. Aguair uses the basic principles of water and air engineering, and applies them with innovative solutions. Aguair’s team of engineers, researchers, and technicians give the company the designing and problem solving edge over its competitors. With its own manufacturing facility, novel ideas are quickly and efficiently put onto the production line.

**Sustainability**

Aguair prides itself on sustainability efforts, both in our own design and manufacturing processes, and also through the optimal functioning and efficacy of Aguair-developed products. By reducing water consumption, energy usage, emission of greenhouse gasses, and plastic packaging, we seek to be good stewards of our environment.

**Proudly Built in the USA**

Aguair is proud to manufacture in the United States.
AguaSonic™ is a unique, point-of-use, ultrasonic humidity system. It is specifically engineered to simplify the traditional ultrasonic concept by taking the water atomization process to the nozzle level. This eliminates the need for a holding tank, thereby preventing the water contamination risks (such as Legionnaires disease), that are typically associated with ultrasonic systems. The result is a compact, safe, and energy efficient ultrasonic humidity system.

Increases humidity up to 96% without wetness

Features:

• produces a fine (4-12 micron), dry fog
• built-in humidity sensor to maintain a precise (+/- 2%) humidity level for any application
• produces up to 96% humidity without wetness
• no cleaning or refilling holding tanks or reservoirs - water flows directly into the nozzle
• no contamination issues, such as mold or bacteria colonization
• easy plug-and-play system
• light-weight and compact design
• manufactured in the USA

Applications

- Buildings & Facilities
- Health & Life Sciences
- Livestock & Agriculture
- Retail
- Additional Applications
Aguatronics™ provides cutting-edge technology in the field of humidification for medium to large spaces. The patented, stainless steel Aguatronics™ nozzle evenly distributes fine fog to allow high humidity levels without wetness. There is no water wasted since 100% of the water used is in the form of humidity.

Increases humidity up to 96% without wetness

Features:

- patented nozzle design evenly distributes fine fog (as small as 6-10 microns)
- unique design utilizing the lowest air and water operating pressures resulting in energy and water savings
- 100% water efficiency - no drain is required
- high-tech control system for precise humidity control
- optional app-based remote access capability via smart phone or computer
- system only requires power and water source
- customizable to adapt to any size space or facility
- stainless steel spray nozzle
- low maintenance - no moving parts in the nozzle with a non-clogging, large 2mm orifice
- no standing water tanks - no risk of bacterial colonization
- manufactured in the USA

Applications
Aguair’s patented next generation air purifier utilizes the latest UV and photo-catalytic disinfecting technologies combined with advanced media filtration to provide 99.98% pure air. It uses a 6-stage purification process to ensure all airborne pathogens and mold are eliminated.

The most effective pathogen, ethylene, and VOC remover in the market

Advantages:

- destroys more than 99.98% of mold and pathogens from the air, and removes ethylene gas, odors, and other VOCs
- environmentally safe alternative since no ozone or toxic by-products are released
- highest flow rate in the industry - 10,000 cubic ft/hr
- competitively priced and more efficient; each ClensAir™ unit replaces multiple competitors’ units
- easy plug-and-play installation and maintenance
- high quality components for continuous operation
- works with any size space and a variety of industries
- low energy consumption
- low maintenance
- patented
- manufactured in the USA

Applications

- Buildings & Facilities
- Food & Beverage Processing
- Food Service
- Health & Life Sciences
- Hospitality
- Manufacturing & Transportation
- Livestock & Agriculture
- Public Spaces
- Retail
- Additional Applications
SaniCart™ is a mobile solution delivery system engineered to sanitize a controlled environment or transportation trailer. Its simplistic design allows the user to release a disinfectant of choice in the form of fine, dry fog (6-10 microns).

SaniCart™ ensures a highly effective and efficient sanitization approach as the fine fog reaches all surfaces in the sprayed environment, efficiently disinfecting otherwise difficult to reach areas. Additionally, due to its extremely small particle size, disinfectants can be readily absorbed by penetrable surfaces, allowing for more thorough sanitization.

**Advantages:**

- 6-10 micron droplet size ensures disinfecting solution coats all surfaces and gets in the fine layers of wood and other penetrable surfaces
- gets in all the nooks and crannies without excess solution waste
- large stainless steel nozzle can quickly spray 0.5 to 1.0 GPH
- fraction of the cost compared to manual solution delivery processes
- proactive approach for preventing cross contamination and surface contamination
- mobile design can be rolled into any environment and only requires power and solution of choice

**Features:**

- control panel has an adjustable countdown timer for quick, consistent spray
- powder coated steel frame
- hard rubber wheels
- handle for movement and hose storage
- stainless steel spray nozzle
- low maintenance - no moving parts in the nozzle with a non-clogging, large 2mm orifice
- adjustable spray angle
- HDPE plumbing
- manufactured in the USA

**Applications**

- Buildings & Facilities
- Food & Beverage Processing
- Food Service
- Health & Life Sciences
- Hospitality
- Manufacturing & Transportation
- Livestock & Agriculture
- Public Spaces
- Retail
- Additional Applications
Vehicle Disinfectant System

decontaminate vehicles

Microbes latch on to transportation equipment and delivery vehicles, spreading infectious diseases as they travel between farms, distribution centers, and processing facilities.

Aguair’s vehicle disinfectant system provides the necessary security measure to sanitize vehicles and minimize biosecurity risks of cross-contamination.

Reduces biosecurity risks caused by vehicles

Advantages:

• drive-through design ensures all vehicles entering a site are effectively sanitized using a disinfectant of choice
• 360° spray curtain disinfects tires and all external surfaces of the vehicles in a single pass
• automated disinfecting process is 10 times faster than traditional hand spraying
• pro-active approach for preventing biosecurity risks caused by vehicles

Features:

• self-cleaning screen filter
• water resistant enclosure with outdoor mount
• adjustable solution injector
• maintenance-free injection system
• low-level solution sensor and indicator light
• automatic vehicle detection system
• active operation alarm
• 1 inch NPT inlet connection
• 50-60 PSI operating pressure
• flat 110° spray pattern provides complete coverage for all sized vehicles
• chemical resistant PVDF nozzles and poly tubing
• galvanized G90 steel frame

Applications

- Buildings & Facilities
- Food & Beverage Processing
- Livestock & Agriculture
- Additional Applications

180 in
144 in
Aguair is a leading manufacturer of water treatment equipment with customized, high-quality, cost effective solutions for every commercial and industrial application. Whether it’s scaling, corrosion, microbiological activity, or recycling wastewater, our modular design enables us to customize systems to meet our customers’ needs.

Remove impurities from water

Advantages:
- engineered to provide efficient output while minimizing wastage
- high quality components for continuous operation
- steel frame
- each system can be customized to fit various applications
- competitively priced and energy efficient
- effortless operation; simple plug-and-play installation
- manufactured in the USA

Applications
Aguair is an engineering-focused manufacturer. Engineers at Aguair work with our customers to design cost-effective solutions to address customer specific needs and applications. All stages of product development are conducted in-house including engineering, design, prototype development, testing, and mass production. Additionally, installation and service are part of our portfolio.
Numerous applications require the mixing of concentrated cleaning or sanitizing solutions with water. The Empty Bottle Shut-Off is a patent-pending mechanism that automatically shuts off water flow when a chemical concentrate is depleted. This makes the concentrate delivery system inoperable until the empty concentrate container is replaced with a full container. This technology provides a visual and audible indication to workers that the chemical concentrate is depleted so that it can be immediately replenished to maintain efficiency and proper sanitation.

Features:

• shuts off water flow when concentrate container is empty
• simple mechanical design
• operates without the need for electrical power, thus providing enhanced safety considering the close proximity to water
• patent pending
• manufactured in USA

Applications

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Aguair’s Foaming Unit delivers a consistent and thick blanket of foam for optimal cleaning, followed by a jet stream of water for rinsing. The design allows full control at the nozzle. This unit saves labor costs and time, while conserving electricity and water.

Features:

- manual, quiet operation - no noise
- clean and rinse
- wall mount or mobile
- compatible with any foaming solution
- minimal maintenance required
- manufactured in the USA

Control the foam at the handle!
Aguair’s Injection Controller is a completely enclosed, single-doser system, designed to precisely inject disinfecting solution directly into the flow. The system’s capability for efficient dosing adjustments allows chemicals to be accurately injected in the line.

**Precisely inject your chemicals into your solution**

**Features:**

- stainless steel or powder-coated steel enclosure
- 0.03%-0.2% or 1:3000 dosing pump adjustment
- easy installation - plug-n-play design
- manufactured in the USA

**Applications**

- Buildings & Facilities
- Food & Beverage Processing
- Food Service
- Health & Life Sciences
- Hospitality
- Manufacturing & Transportation
- Livestock & Agriculture
- Public Spaces
- Retail
- Additional Applications
Aguair’s patent pending Ice Sanitation System produces ice that contains low concentrations of sanitizer for a variety of uses. For example, it has applications in seafood cases, where sanitized ice is placed directly under seafood to prevent contamination and eliminate odors, while simultaneously cooling the seafood. The system is compatible with conventional ice machines.

The Ice Sanitation System is external to the ice machine so that the internal mechanism and functioning of the ice machine are not disrupted. A controlled concentration of a sanitizing solution is injected into the incoming water line before entry into ice machines. This technology may be used in other applications where ice plus a sanitizer is needed to preserve products such as produce, tissue samples, etc.

Prevent cross-contamination in your display case

Features:

- no electricity needed; dosing pump works with the flow of water.
- ability to deliver extremely low and consistent volumes of concentrate
- optional check valve prevents backflow.
- optional valve test line that allows sampling of the mixed solution without interrupting the flow.
- requires minimal maintenance
- patent pending
- manufactured in the USA

Applications

- Livestock & Agriculture
- Retail
- Additional Applications
ProMix
precisely mix your solutions

ProMix is an array of fluid mixing and dispensing devices that can be used in any application where solutions are to be mixed with water or other liquids.

ProMix 3 can be used in a “Wash, Rinse, Sanitize” sequence by selectively mixing a cleaning concentrate with water to “Wash” and then selectively dispensing fresh water to “Rinse”, and lastly mixing a sanitizing concentrate with water to “Sanitize”. The user simply rotates the knob in either direction to go from one setting to the next.

Applications include cleaning and sanitizing floors, cases, and other surfaces in meat, seafood, and other departments in grocery stores, commercial kitchens, processing plants, loading docks, delivery trucks, etc.

Precisely mix your solutions
two and three solution options available

Features:

• a single, four-way valve allows four separate functions/flows corresponding to four separate valve settings (positions), selected by rotating the valve handle
• the user simply rotates the valve handle in either direction for the next cleaning function/stage
• user-friendly and eliminates user error
• can connect to an input water line such as municipal water system
• quick and easy attachment and detachment to a garden hose for dispensing the selected fluids
• can be used when dispensing any two liquids in combination with a third liquid, or for dispensing only water
• patent pending
• manufactured in the USA

Applications