

# The Future of Disinfection

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Bio-Safe products and services integrate our patented antimicrobial technology, focusing on specific aspects of water purity, air quality, and surface disinfection.

## Bio-Safe Antimicrobial Unit (Industrial/Commercial/Residential Use)

The Antimicrobial Unit is a high-performing, hard-surface cleaning and sanitizing system that transforms cold water into an oxygen-enriched solution that is a more effective sanitizer than chlorine, killing 99.999% of all pathogens on contact while avoiding the safety and handling concerns often found with harsh chemicals.

Aqueous ozone is recognized as an effective sanitizer by the FDA, USDA, EPA, FIFRA, NSF, and OSHA. The system generates an aqueous ozone solution with an oxidation reduction potential (ORP) that provides pathogenic control to surfaces that the solution comes into contact with.

The Bio-Safe Antimicrobial Unit also pairs the powerful sanitizing of the Bio-Safe unit with a carbon filtration system. The carbon filter removes the flocculated heavy metal and destroyed pathogen particulates from the aqueous ozone solution – providing, along with the sanitizer solution, the safest, purest drinking water possible.

## Bio-Odor Control Panel (Indoor Air Purification System)

The air we breathe is necessary for life, yet we often take it for granted. We wash our hands, sterilize door knobs and kitchen surfaces, but we rarely think about cleaning the air we breathe. Yet this air contains hundreds of different substances, both harmful and beneficial, and can play a major part in the spread of airborne viruses such as the novel coronavirus. Spraying chemicals or deodorizers won't sanitize the air.

Air purification is a step above chemical sprays, and better yet, air purifiers that use activated oxygen have one very important thing going for them: the free O- (oxygen atom) produced by Bio-Safe is a strong antiviral agent that can combat any virus molecule it encounters while attacking odor-causing substances and purifying the air.



Bio-Safe Technology can greatly reduce or eliminate the need for expensive and caustic chemical cleaners, and is currently used by some of the most widely recognized companies.



# The Bio-Safe Advantage

## AQUEOUS

- Kills 99.999% of all pathogens on contact, including salmonella, e-coli, mold, pesticides, bacteria, and viruses.
- Meets and exceeds the World Health Organization's (WHO) standard for oxidation reduction potential (ORP) of 650mv. This means that no pathogens can survive.
- Produces 100% chemical-free aqueous ozone – completely safe on contact and washes down the drain.
- Breaks down stubborn biofilms by destroying the protein bonds that protect layers of microorganisms and residue from chemical cleaners.
- Eliminates the need for costly and dangerous chemicals, creating measurable savings in overhead and increased safety for employees.
- Produces aqueous ozone sanitizing solution on site and on demand. That means it doesn't run out. No inventory to maintain. Faster and more efficient.
- Installs in minutes under the sink and will replace an entire shelf or closet of chemical cleaners.
- Costs pennies a day to operate, using a standard 110v outlet, equivalent of 35W light bulb.
- Constructed from highest-quality UL listed parts and assembled in the U.S.
- Aqueous ozone is FDA approved as a food additive, so it can be used to clean and wash fresh produce, meat, and other foods.
- Sets new standards in organizations' HACCP and SSOP protocols.
- Eliminates costly disposal expenses by rendering biohazardous healthcare waste "safe to handle".
- Patented technology developed by one of the world's foremost experts in pathogenic control.
- No maintenance necessary and warrantied for one year.

## GAS

- Activated oxygen is not a pollutant, and it remains in the air for a set amount of time.
- Naturally occurring gas that is created in the upper atmosphere where O<sub>2</sub> (oxygen) reacts with ultraviolet rays from the sun.
- As an odor oxidizer, it effectively treats odors from smoke, pets, and food preparation.
- As an air sanitizer, it treats bacteria, viruses, mildew, and molds/allergens.