

# Sanitizing PROS

Marine Disinfection Services



*For a healthy clean!*

## ELECTROSTATIC DISINFECTION

CORONAVIRUS (COVID-19)

Due to close quarters and the high turn over of people, as well as the frequent close contact between guests and crew members during relatively short periods of time. We will provide your yacht or vessel special care to mitigate the potential spread of Coronavirus (COVID-19) contamination on board.

With new Coronavirus infections spreading daily, people in the Marine industry are attempting to discover the best methods to circumvent potential infections on board. Charter and crew specialists, yacht owners and management companies, are working hard to help mitigate further spread of the Corona virus (COVID 19) during this pandemic.

At Sanitizing PROS, we completely understand that COVID-19 is still a serious threat;

With an overwhelming increase in requests for our assessment and disinfecting services, Sanitizing Pros is geared up to meet that demand, and we've armed ourselves with the latest technology and processes in disinfecting solution dispersal, and electrostatic sprayers.



# Defeating COVID-19 with Electrostatic Disinfection

## KEEPING YOUR GUESTS, CREW, AND OWNERS HEALTHY & SAFE

Our Electrostatic Sprayers produce an electrically-charged spray able to 'wrap around' covering all surfaces 360 degrees with our disinfecting solution by using an applicator that gives a negative charge to the disinfecting solution as it exits the spray nozzle. The charged molecules repel each other, but will be attracted to the surface they are applied to. The electrical charge on the droplets causes an attraction-force 75 times greater than the force of gravity, making this disinfection method extremely efficient. This results in a transparent disinfectant coating that sanitizes and kills harmful bacteria, pathogens and viruses on all types of surfaces found in a yacht, including electronics, fine furnishings, and other surfaces.

ALL SURFACES

360°

TOTAL DISINFECTION

100%

TOTAL COVERAGE

1

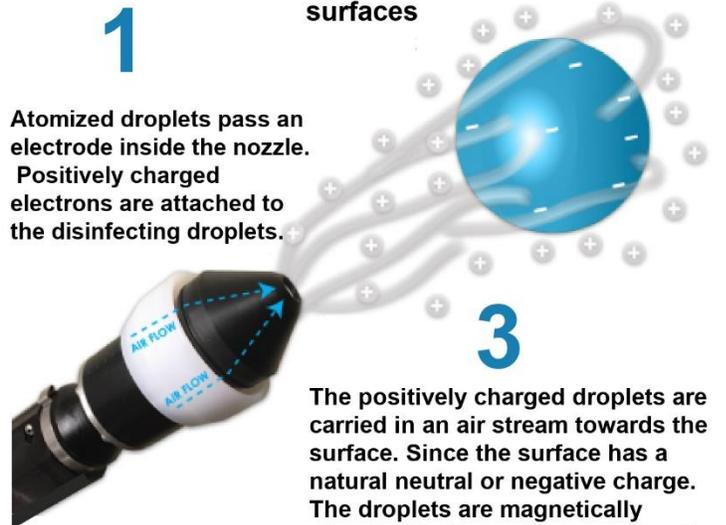
Atomized droplets pass an electrode inside the nozzle. Positively charged electrons are attached to the disinfecting droplets.

2

The droplets will reverse direction and move against gravity to coat even hidden surfaces

3

The positively charged droplets are carried in an air stream towards the surface. Since the surface has a natural neutral or negative charge. The droplets are magnetically attracted to the surface covering it completely around 360 degrees with disinfecting droplets.



# GETTING YOU BACK TO BUSINESS

Our COVID 19 electrostatic disinfection services will assist yacht charter professionals to put their clients' at ease by greatly reducing the probability and risk of infections on board. Our thorough disinfecting services will also reduce the potential liability facing your business while providing a safer, healthier environment. Prior to booking a charter, allow us to professionally disinfect and sanitize all interior hard surfaces and all of the exterior common & lounge areas as well as all high-frequency touch points within the vessel, including all fixed and unfixed objects and equipment..



Certificate of Disinfection & Window Sticker will be provided.

## SANITIZING PROS DISINFECTING SOLUTION:

- ✓ Kills the novel Coronavirus SARS-CoV-2 (COVID-19)
- ✓ EPA approved/Hospital Grade Disinfectant
- ✓ Kills Viruses in under 5 minutes
- ✓ Kills Fungi in under 5 minutes
- ✓ 100% Biodegradable
- ✓ Bleach-Free / Non-Corrosive
- ✓ NSF listed / No Rinse Required
- ✓ Safe for humans, animals, and aquatic life

## BENEFITS OF ELECTROSTATIC DISINFECTING:

- ✓ 360-Degree Complete Adhesion & Disinfection
- ✓ 100% Coverage
- ✓ Absolute Hard Surface Adhesion
- ✓ No Chemical Run-off
- ✓ Works on all hard and soft surfaces
- ✓ Faster than traditional disinfection methods
- ✓ Touch-less application reduces cross-contamination



USES AN AIR COMPRESSOR FOR QUIET,  
POWERFUL LIQUID FLOW

FORCE STRONGER THAN GRAVITY



THE NOZZLE INDUCES A CHARGE AND  
ATOMIZES THE SOLUTION. THE PARTICLES  
ARE ATTRACTED TO AND UNIFORMLY  
COAT THE SURFACE.

CHARGED PARTICLES ARE  
ATTRACTED TO AND UNIFORMLY  
COAT THE SURFACE.

SOLUTION REACHES AND  
WRAP AROUND SURFACES.

EACH SURFACE IS UNIFORMLY  
COATED WITH SOLUTION.



**Electrostatic Disinfection is the method of choice against Coronavirus (COVID-19) in the cruise industry, hospitality, as well as the airline industry.**

**Please contact us for availability and pricing:**

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# FAQ'S

## What is Electrostatic Disinfection?

**Electrostatic disinfection** uses a specialized sprayer spraying an electrically-charged mist that is able to aggressively adhere to surfaces and objects. **Electrostatic** sprayers combine the disinfectant solution inside of them with air, using an electrode inside the sprayer nozzle to give them an electric charge. As the disinfectant solution exits the electrostatic gun, it's given a positive charge that is attracted to all negative surfaces.

## How long does electrostatic disinfection take to complete a job?

Depending on the size of the areas being disinfected. The entire process and take an average of 1-2 hours per deck. Electrostatic disinfection is the quickest and most effective disinfection solution that provides 100% coverage at 360-degrees of the applied surfaces.

## How long does the disinfectant last?

Electrostatic disinfection kills unwanted bacteria, viruses and pathogens including Coronavirus/SARS-CoV-2 from every targeted surface it contacts. However to be clear it will not create a protective barrier. Some claim their process can last weeks or months, but to date there is no EPA-approved disinfectant that could produce a lasting coating against COVID 19 the novel Coronavirus. Some yachts may require electrostatic disinfection more frequently because they are constantly introduced to new groups on board that could potentially elevate the risk of the surfaces to become infected again.

## What type of disinfectant solution/chemical do you use?

Our EPA-approved disinfectant solution is made of 2 hospital-grade chemicals: Chlorine Dioxide and Quaternary Ammonium. This disinfectant is 100% biodegradable and safe for humans, animals, and aquatic life. Please copy the link below for EPA's official list of approved disinfectants against COVID19: <https://www.epa.gov/pesticideregistration/list-n-disinfectants-use-against-sars-cov-2>.

## Does electrostatic disinfection work only on the yacht's interior or also exterior?

Electrostatic disinfection sanitizes all interior surfaces and exterior lounge areas as well as all high frequency touch points within the vessel. Tenders and water toys could also be electro-disinfected.

## Is it safe to use on or around fine furnishings and electronics?

Electrostatic disinfection can be safely sprayed around fine furnishings, electronics and sensitive materials/objects as long as it is not sprayed directly at a very close range.

## Can other people be in the same area when electrostatic disinfecting?

Crew/people are not allowed while the area is being treated.

## How long after treatment is it safe for crew/people to re-enter the disinfected areas?

It is recommended to wait 45 minutes for the disinfectant solution to dry out completely before reentering serviced areas.

## Is cleaning required after electrostatic disinfection?

After treatment cleaning, rinsing or wiping are not required.

## Besides Coronavirus (COVID-19), what does electrostatic disinfection treat against?

Norovirus, Rotavirus, Influenza A (H1N1), Influenza B, Respiratory Syncytial Virus, Hantavirus, Zika, Hepatitis (A, B, C), Adenovirus 1, HIV (Type 1), Clostridium Diff., Bed Bugs, Mold, MRSA, VRE, HBV, E.Coli, Salmonella, and other EPA approved organisms