



ADVANTAGES OF ELECTROSTATIC SPRAYER FOR DISINFACTION IN HOTEL GUESTROOMS?

The New Normal Disinfection Technology
for **NEW NORMAL**

ELECTROSTATIC DISINFACTION

In the era of Covid-19 pandemic, Guest Control Systems Limited is offering our hotel clients the best options to fight back against fast-spreading pathogens in your guestrooms to give your guest peace-of-mind.

What Is Electrostatic Spray Disinfection?

Electrostatic Spraying Systems air-assisted sprayers produce spray droplets 900 times smaller than those produced by conventional sprayers. The tiny droplets are given an electrical charge that causes a natural force between the spray droplets and a target surface. Most surfaces are either negative or neutral. Just like the pull of a magnet to a piece of metal the droplets become more strongly attracted to the target as they approach it. The charge on the droplets, though small, pulls the spray towards the target at 75 times the force of gravity. The spray droplets literally reverse direction and move upwards, against gravity, when passing a target surface. The remarkable phenomenon by which the spray coats the undersides and the backsides of the spray target is known as electrostatic "wraparound."

It's become quite clear that if the hotel wants to keep your guests safe from infectious viruses' traditional methods of cleaning have to change. COVID-19 is still incredibly new and spreading fast, so we need to make sure that the techniques we are implementing can combat the dangers the hotel employees and guests could be facing.

Electrostatic disinfection is the process of releasing an electrostatically charged mist that can cover all surfaces and objects that you'd like to address. These solutions contain positively charged particles that act quickly on surfaces and coat evenly no matter where the spray is applied.

The Benefits of Electrostatic Spraying

There are specific shared touchpoints around your guestrooms that need to be addressed more heavily than others, making electrostatic spray disinfecting services the ideal option. Below are just some of the many benefits that come with this method of disinfection:

- **More effective:** The small droplet size and improved coverage substantially improves the bioavailability of disinfectant compounds.
- **Quick and easy compare to traditional methods**
Traditional, labor-intensive cleaning methods are worlds apart from an electrostatic spray solution. In the past, to sanitize a large space you would need multiple employees working at the same time, performing labor heavy work.
- **Safer for employees and others in the area:** Low volume electrostatic spraying means less chemical exposure for everyone.
- **Electrostatic spray method can cover hard to reach surfaces**
- **Effective against highly contagious viruses such as COVID-19, influenza, MRSA**
- **Kills 99.999% of pathogens for up to 30 days**
- **10 times as efficient as conventional cleaning methods**
- **Cover same square area with less disinfection liquid compare to traditional spray method**
- **Saves cost by using less disinfection liquid**
- **Save time due to faster cleaning**



ELECTROSTATIC DISINFACTION

- Better for the environment: By using safer chemicals and reducing waste, the total environmental load is substantially lightened.
- Create safe environment

Can It Help My Hotel?

Hotels have consistently high levels of traffic are susceptible to fast-spreading viruses. Traditional cleaning methods are not very effective and would be incredibly tedious to make sure every crevice is clean. Electrostatic sprayers can cover a larger surface area with less time to sanitize the followings high touch areas:

- Door Handles
- Elevator Buttons
- Telephone Handset
- Electrical Appliances
- Sink/Faucets
- Mini Bar
- Coffee Maker
- TV Remote
- Switch Panels
- Air Conditioner Thermostat
- Toilet seat

Since the outbreak of the COVID-19 virus the need of having guestrooms that are safe and sanitized has become a necessity to ensure the safety of the hotel employees and guests. The electrostatic spray benefits your hotel by offering a “feel safe factor” by both employees and guests.



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