

Fogging vs. Electrostatic Spraying

5/21/2020

Many have asked us, "What is the difference between using a fogger and electrostatic (spraying) disinfecting?"

Although disinfectants are used in both an electrostatic spray gun and a fogger, the technology and the results are quite different.

The Electrostatic Spraying System delivers electrostatically charged droplets that are actively attracted to surfaces, including the exposed back sides of surfaces regardless of the direction of spray. The disinfectant covers surfaces and objects in a 360-degree range, while providing touchless disinfection. Essentially, the spraying has a 3-D wrapping effect. Because the particles in the spray are positively charged (and surfaces/objects are neutral or negatively charged), it allows the appropriate disinfectants to wrap around and evenly coat all types of surfaces for complete coverage. Objects and surfaces **attract** the disinfectant from an electrostatic sprayer!

Whereas, misters and fogging systems deliver very small droplets that **passively** deposit on surfaces based on the *direction* of spray and the effect of gravity, which may result in uneven coverage. These small droplets do not wrap around surfaces and objects, like electrostatic spraying does. These small droplets simply land in the direction the mister or fogger is pointed.