

FOGGERS

VS

ELECTROSTATIC  
SPRAYERS

When it comes to keeping spaces clean and people safe, the way you apply your disinfectants matters.



What's The  
Difference?

Fogger

Electrostatic Sprayer

How It Works



Disperses disinfectant solutions as an ultra-fine aerosol



Charges disinfectant solution particles to stick to and wrap around surfaces

**Why It Matters:** Foggers were designed for pest control, while electrostatic sprayers are optimized for surface disinfection.

Particle Size

10

Foggers typically produce particles smaller than 40 microns in diameter

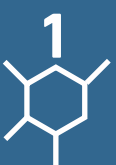


Electrostatic sprayers produce particles larger than 40 microns, and often have multiple particle size settings

Source: EPA

**Why It Matters:** Smaller particles evaporate faster, which can impact disinfectant dwell time, and can get into the lungs if inhaled.

COVID-19 Compatible Chemicals



Hydrogen peroxide

Source: EPA



Sodium hypochlorite, dodecylbenzenesulfonic acid, quaternary ammonium, hydrogen peroxide and hypochlorous acid

Source: EPA

**Why It Matters:** For every application method, the EPA approves specific chemicals that are safe and effective to use with that method.

Surface Coverage



Small particles from the fine mist tend to clump or remain suspended in the air



Particles produced are attracted to surfaces, allowing for evenly coated coverage

**Why It Matters:** Disinfection of high-touch surfaces requires complete coverage.

Time Required



Requires that an area be fully evacuated for anywhere from several hours to more than a day



Area can be used immediately after the surface dries completely

**Why It Matters:** Sprayer design and coverage help determine how soon a space can be used after disinfection.

Fogger

Electrostatic Sprayer

HIGH-TOUCH SURFACES NEED HIGH-TECH DISINFECTING

Disinfect with confidence with electrostatic sprayers from Victory Innovations.

For more information on how Victory Innovations electrostatic sprayers can help your infection prevention efforts, visit

[victoryinnovations.com](https://victoryinnovations.com)



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