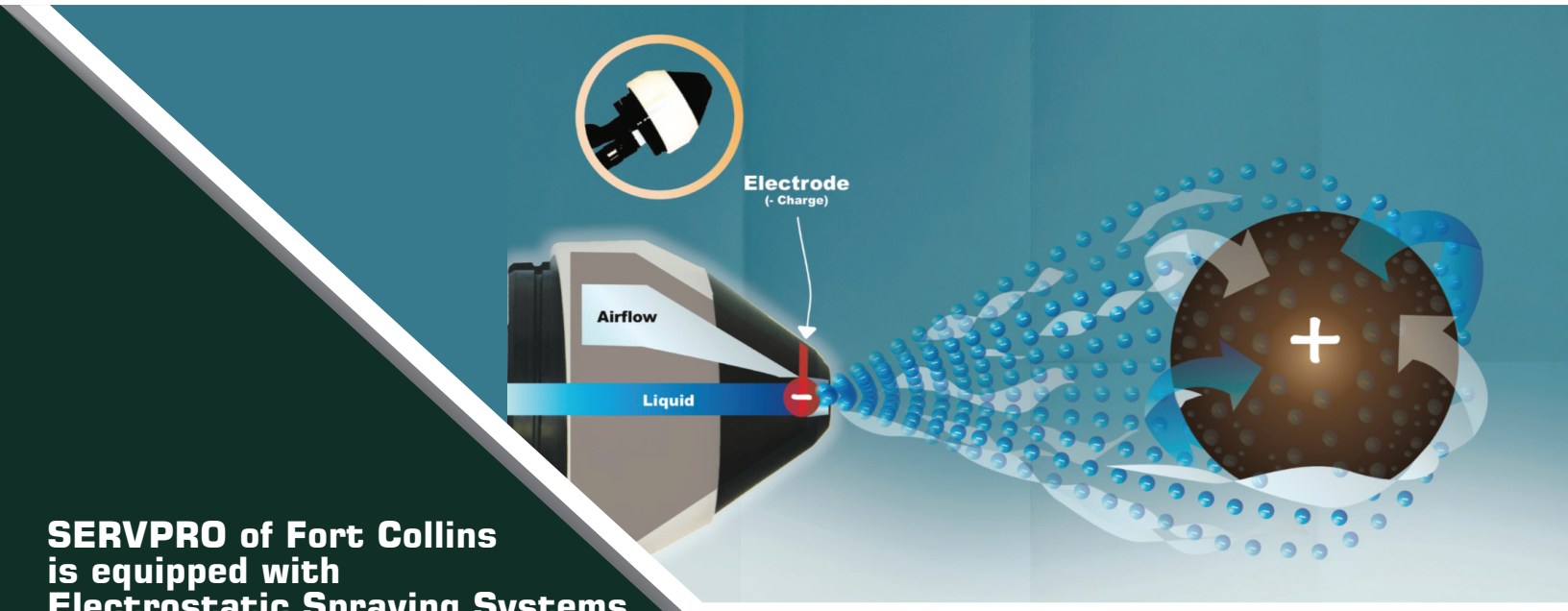
THE DIFFERENCE BETWEEN ELECTROSTATIC SPRAYERS vs CONVENTIONAL SPRAYERS

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 a 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."



SERVPRO of Fort Collins is equipped with Electrostatic Spraying Systems to aid in disinfection services during the current pandemic.

(970) 237-0421

Benefits of Electrostatic Spraying

- Safer for workers, students, and others in the area: Low volume electrostatic spraying means less chemical exposure for everyone.
- More effective: The small droplet size and improved coverage sub- stantially improves the bioavailability of disinfectant compounds.
- Fewer sick days: Disinfection limits transmission of many com-municable diseases including bacterial infections, influenza and other viruses, and digestive diseases such as the Norwalk virus or salmonella.
- Less toxic chemicals can be used: The increased effectivenessallows more choices for disinfection and sanitization.
- Better for the environment: By using safer chemicals and reducing waste, the total environmental load is substantially lightened.

SERVPRO®
Fire & Water - Cleanup & Restoration™