



**STEP 1:** Separate liquid and air lines meet at the Maxcharge™ nozzle tip. The low pressure, high volume air flow quickly atomizes the liquid into uniform droplets. The small droplets then pass through an electromagnetic field. It is here that each droplet picks up a strong negative charge.

**STEP 2:** The turbulent air stream carries the maximally charged droplets quickly toward the spray target. Because each droplet carries the strong negative charge they spread out evenly to form a uniform spray cloud upon exiting the Maxcharge™ nozzle tip

**STEP 3:** Just like the pull of a magnet to a piece of metal the droplets become more strongly attracted to the target the closer they approach. In fact, the force of attraction is up to 75x that of gravity allowing for complete coverage of hidden surfaces.