

# ifog+

Electrostatic nebulizer with  
induction technology






CONIX



An air compressor and liquid injection pump are integrated inside the Ifog+ electrostatic fogger. These pressurized air and disinfectant liquid flows into the spray gun and mixes at the tip of the application nozzle, causing the formation of the 10 of the application nozzle, causing the formation of spray droplets between 10 to 60 microns in size. On this nozzle is an electrode that applies an electrostatic charge to the spray. This causes a natural force of attraction between the spray droplets and the surfaces to be disinfected.

## APPLICATIONS ▼

-  Indoor spaces in hospitals, clinics, offices, food industry...
-  HVAC ducts and equipment
-  All types of vehicles

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## TECHNICAL SPECIFICATIONS

Voltage	220 V - 50 Hz
Induction power	Adjustable up to 80 kV
Disinfectant flow rate	Adjustable from 20 to 500 ml/min
Disinfectant product	Jerrycan 10 l / 2,6 gal
Particle size	Adjustable up to 10 microns
Adjustable coverage	Width [up to 4m] Length [up to 8m]
Working capacity	Intensive without downtime
Hose length	5 meters
Compressed air pressure	5 - 8 bar
Dimensions [L x W x H]	575 x 470 x 1050 mm 22.6 x 18.5 x 41.3 inch
Empty weight	55 kg / 121 lb

# How electrostatic fogging technology works

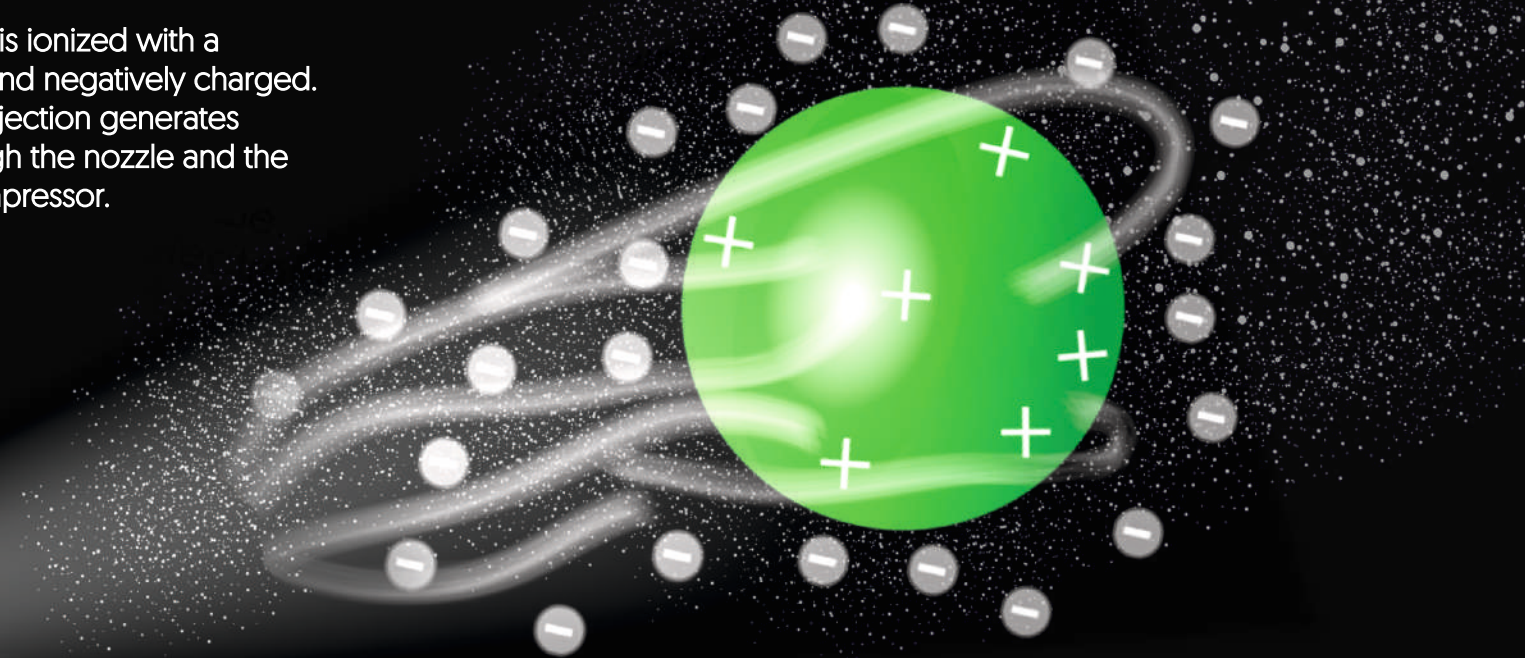


1

The disinfectant solution is ionized with a high-voltage electrode and negatively charged. The disinfectant pump injection generates the microparticles through the nozzle and the air projected by the compressor.

2

The negatively ionized nanoparticles repel each other, maintaining a uniform distance and against gravity, to cover the most hidden surfaces.

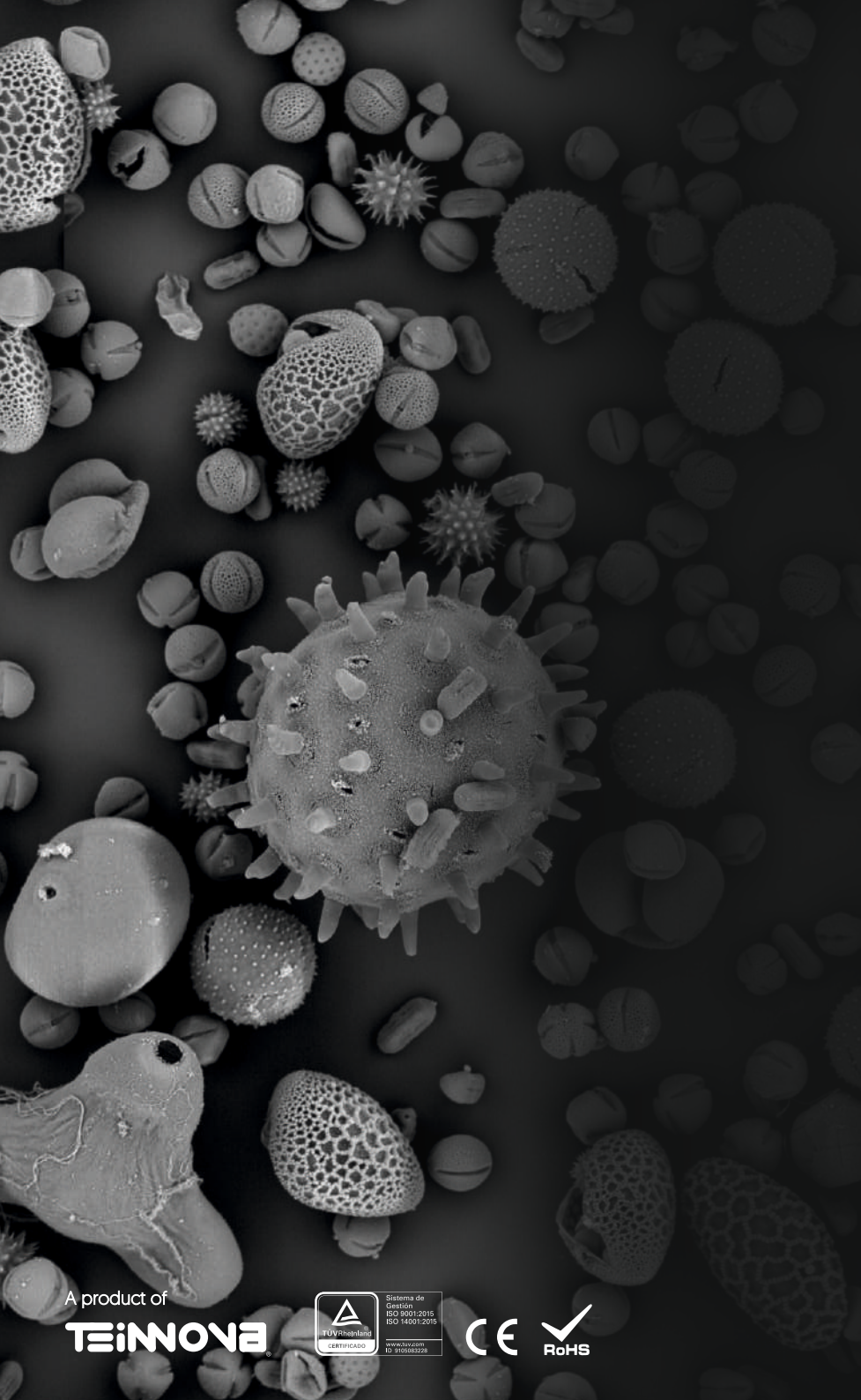


3

Surfaces are positively charged so that the disinfectant solution is magnetically attracted, ensuring a 360° uniformity high coverage of the entire surface.

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intelligent  
disinfection

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