



Industrial Static Control

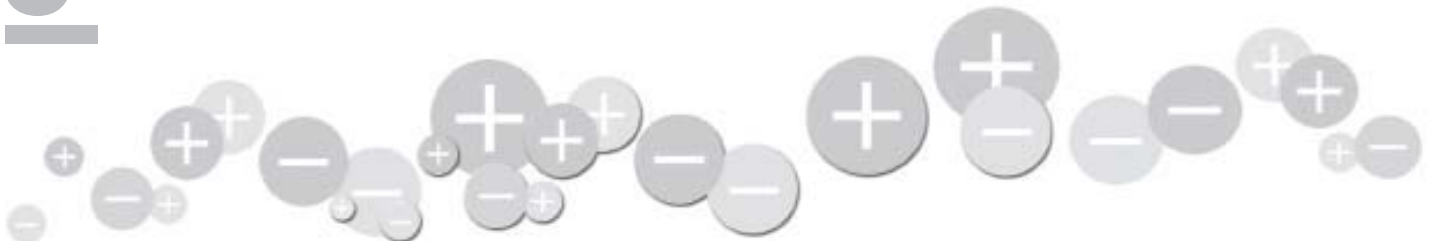
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IQ Power Nozzle

STATIC NEUTRALIZING NOZZLE

The IQ Power Nozzle is a shockless pulse DC ionizer engineered to operate at 7 kV and is compatible with the IQ Power Static Neutralizing system. When used with the IQ BPS Power Supply, users of the IQ Power Nozzle have worry free, one-touch setup and continuous active monitoring. The IQ Power Nozzle's compact size allows for neutralizing surfaces in a variety of applications.

- Slotted, perforated, and high efficiency configurations are available
- Flexible installation allows multiple nozzles to be positioned on a single wire run
- Continuous monitoring of performance and status
- IP-66 rated against particulate and splash



Specifications

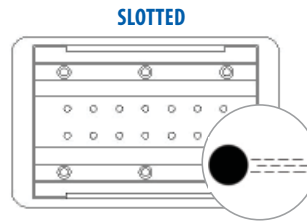
| | |
|------------------------------|--|
| Input Voltage | 7 kVDC (IQ Power BPS speed mode) using specified HV cable |
| Air Input | 80 psi, max |
| Air Input Connections | Supplied 1/8 NPT straight or right angle for use with 1/4" O.D. tubing |
| Air Consumption | 10 scfm @ 30 psi HE: 1.25 cfm @ 30 psi |
| Power Supply | IQ Power BPS or LPS |
| Dimensions | 2.1" L x 2.1" W x 1.3" H |
| Temperature | 60°C (140°F) max |
| IP Rating | IP-66 |

Mounting

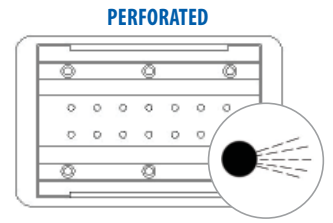
Mounting hardware and straight and right angle quick disconnect air fittings are provided. Locking detents securely hold the nozzle in position.



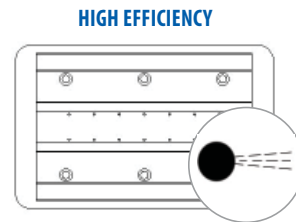
Configurations



Recommended for applications where a more focused ionized airstream is needed



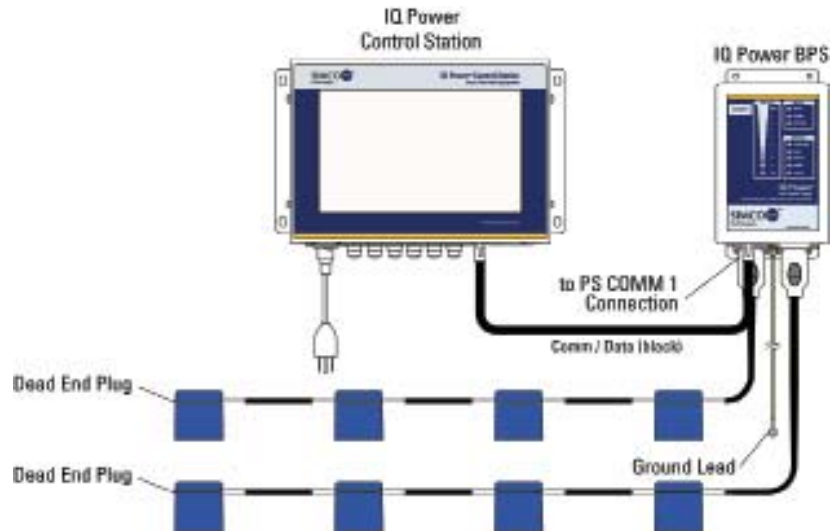
Recommended for applications where a wider coverage area of ionization is needed



Recommended for applications less than 18" from the target where a high volume of air is not required

Installation

The IQ Power Nozzle can be used installed in two different positions on the high voltage wiring. When installing a single nozzle it should be located at the end of the high voltage wiring in the 'dead end' position. Up to three additional nozzles can be installed upstream from the dead end nozzle in the 'in-line' configuration. 10, 20, and 30 foot cables are sold separately. Cables can be cut to the exact requirements of your application.



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