



Ioncell

IN-LINE IONIZER

The Ioncell in-line ionizer enables stunning performance in longer-length delivery lines by overcoming traditional ion recombination limitations; enabling focused ionized air to be delivered to previously inaccessible locations.

- Pipes Ions through long tubes
- Compact design
- Various output attachments available
- Powered by low voltage power supply or through 24VDC input
- Can Daisy chain up to 6 units





Specifications

Emitters	Tungsten
Material	Polycarbonate with 94V-0 flame rating
Color	White
Dimensions	2.5" H x 1.3" W x 4.5" L (64mm H x 33mm W x 115mm L)
Weight	5.2 oz (145g)
Max. Input Pressure	50 psi
Power Input	24VDC
Connectors	4 position modular; DC power IN
Output Current	5µA
Operating Modes	Steady-state DC
Indicators	Green-Power On; Red-fault indicator (TTL level alarm output)
Ambient Temperature	32° F (0° C) to 122° F (50° C)

Part Numbers

Description	Part #
Ioncell	4015281
Note: Ioncell includes power supply, tubing & splitter kit, with 10' cable	
Air Ring 6"	5051680
Air Ring 10"	5051681
Air Knife 6"	5051678
Air Knife 12"	5051679
Airflow switch	5051685

The Ioncell in-line ionizer is designed to control static charges in a localized area. This incredibly compact unit can be installed in places where typical ionizers do not fit. This revolutionary DC in-line ionizer provides powerful ionization through output tubes up to four feet in length. The single output tube also has the ability to be split, allowing the Ioncell to service multiple locations from a single ionization source.

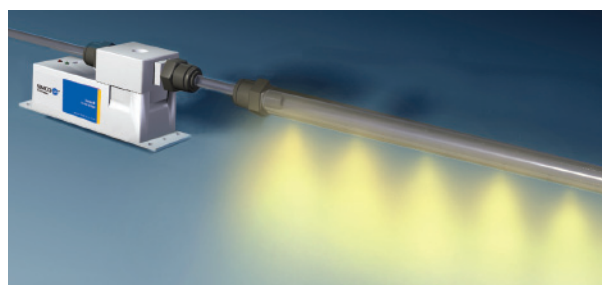
Options include:

- Ring and Air Knife output applicators for custom applications
- Airflow switch that automatically cuts off power when no airflow is present, so excess ozone production is eliminated.

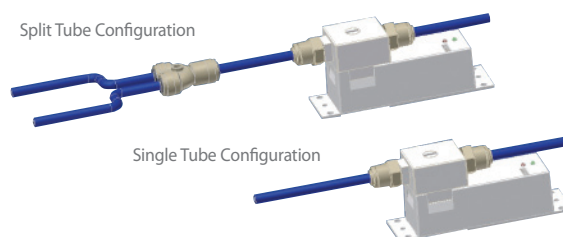
Ring Output Applicator



Air Knife Output Applicator



Output Tube Configuration



Charge Neutralization Performance

(1000v to 100v output tube 1" away from the CPM plate)

Tube Length	30 PSI	15 PSI	5 PSI
6"	0.5 sec	0.8	1.4
12"	0.8 sec	1.4	2.2
18"	1.0 sec	2.1	3.5
24"	1.8 sec	3.2	5.2
36"	6.0 sec	6.8	10
48"	9.5 sec	13	22

SIMCO ION™

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