

ARTISAN®
TECHNOLOGY GROUP

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SIMCO ION™
An ITW Company

Industrial Static Control

WWW.SIMCO-ION.COM



Aerostat® PC

IONIZING AIR BLOWER

Simco-Ion's Aerostat® PC Ionizing Air Blower provides localized coverage with superior charge decay efficiency. The Aerostat PC is designed to provide ionization to a targeted work surface.

- Fast, targeted neutralization of static charges
- Lightweight, compact and quiet for unobtrusive use
- Built-in point cleaner simplifies maintenance
- Variable speed fan for airflow control
- Status lamp indicates high voltage is present at the emitter points
- Integrated heater for warm air flow if desire

Specifications

Power	120 VAC, 60 Hz; 0.1 amp (fan low heater off), 1.7 amp (fan high heater on)				
Discharge	1.5 sec @ 1′; fan high (1000-100V)[1]				
Balance	±10V				
Coverage	1′ x 5′ area				
Air Volume	35-70 cfm				
Air Velocity[2]	Fan Speed	1′	2′	3′	4′
	Low	250	200	150	125
	High	500	400	300	250
Audible Noise	Fan low: 50 dB, fan high: 57 dB (2' from unit)				
Heated Temp	Fan low: 25°F (14°C), fan high: 11°F (6°C); above ambient				
Ozone	0.005 ppm measured 6″ in front of unit; test conducted in accordance with EPA EQQA-0577-019 using Dasibi Ozone Monitor model 10030AH				
Enclosure	Aluminum and Polyester Power Coat				
Dimensions	5-1/2″W x 8-5/8″H x 3-1/4″D				
Weight	5.7 lbs (2.6 kg)				

1. Tested in accordance with ANSI/ESD STM3.1.
2. Velocity is FPM measured at center line of airstream.

Special Features

Distinguished by its variable speed fan control and exclusive emitter point cleaner, Simco-Ion's Aerostat PC is an excellent choice for eliminating static in production processes. While helping to protect products and personnel from the effects of static discharge, the Aerostat PC is lightweight, small, and quiet—making it easy for the user to direct the ionization where it is needed.

Emitter Point Cleaner

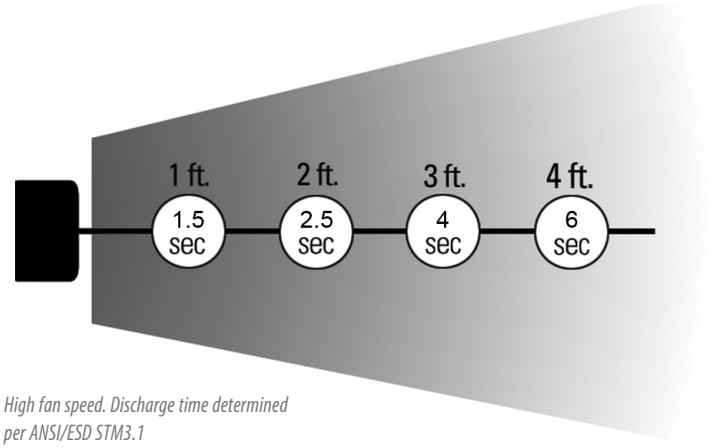


The Aerostat PC features a built-in emitter point cleaner. Using the emitter point cleaner takes only seconds. Cleaning the emitter points prevents the build-up of airborne debris. This keeps your Aerostat PC working in top form for the life of the unit.

Applications

The Aerostat PC was designed for use with sensitive electronic components, where electrostatic charge is a problem. The Aerostat PC can also be used where static electricity causes problems such as attraction of dirt to product, misalignment of small parts due to electrostatic "jumping" and undesirable adhesion of plastic films due to electrostatic charge.

Discharge Times (typical)



High fan speed. Discharge time determined per ANSI/ESD STM3.1

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