Aerostat® Guardian™ Overhead Ioniser

Provides superior static charge decay efficiency over an entire work surface area. Equipped with task lighting and an integrated heater, the Guardian offers user-friendly operation while effectively protects sensitive components from ESD damage.

Features

- Inherently balanced to 0 ± 5V
- Integrated heater and task lights
- AC technology
- Ionisation light
- Patented emitter point cleaner
- Enclosure: Aluminium
- Finish: Powder Coat
- Agency Approvals: UL and CUL Listed; CE Complaint
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Benefits

- Protects even the most sensitive electronic components
- User friendly – enhances operator comfort and efficiency
- Stable balance over extended periods of use
- Verifies that the unit is ionising
- Easy to maintain

Applications

- Disk Drive Manufacturing
- Medical Device Parts Assembly and Packaging
- Semiconductor Manufacturing

Size (W x H x D)	42¾ x 4 x 6¾ in. 108.6 x 10.2 x 17.1 cm
Weight	16lbs (7.3kg)
Air Volume Output	Combined 3-fan output: 150CFM – 300CFM (low – high)
Area Coverage	2 x 4 ft.
Ion Balance (offset voltage)	0 ± 5V
Discharge Time	3.0 seconds
Operating Temp.	32°F (0°C) – 122°F (50°C)
Light Output	1650 Lumens total
Light Colour Temp.	3500°K
Replacement Lamp	13W twin tube compact fluorescent
Optional Air Filter	30ppi open cell polyurethane foam

* Test conducted in accordance with EPA EQOA-0577-019 using Dashibi Ozone Monitor Model 1003AH.

** Discharge time in seconds (1000V – 100V) determined per EOS/ESD Association Standard No. 3; Unit at 18" above test plate, fans at high speed, model with diffusers. Discharge times slightly longer for 230 VAC, 50Hz unit.

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Power Requirements

- 120V AC, 60Hz:
- 0.5 Amps (fan speed low, heater and light off)
- 2.5 Amps (fan speed high, heater and light on)
- 230V AC, 50Hz:
- 0.2 Amps (fan speed low, heater and light off)
- 1.5 Amps (fan speed high, heater and light on)

Heated Temperature Above Ambient

Measured 6 in. from front of centre fan:

- Fan Speed Low: 25°F (14°C)
- Fan Speed High: 11°F (6°C)

Audible Noise

Measured 2 ft. from unit:

- Fan Speed Low: 50dB(A)
- Fan Speed High: 60dB(A)

Ozone Production

Measured 12 in. from unit:

- 0.02ppm

Product Code	Description	Additional notes
095-0031	Aerostat® Guardian™ Overhead Ioniser (UK)	Each
095-0040	Aerostat® Guardian™ Overhead Ioniser (USA)	Each