



## Ground Zero Electrostatics BALANCING PULSED DC OVERHEAD IONIZER

### BALANCING PULSED DC OVERHEAD IONIZER - ION 200



Using patented IsoStat technology, the ION 200 blower guarantees consistent static control coverage. With its overhead mounting system, the ION 200 doesn't compromise valuable space on the workbench, allowing for complete 3-dimensional neutralization of static charge. The blower's steady-state DC ion emission enables fast discharge with low airflow, providing a more comfortable work environment for operators. Emitter points are placed behind the fan to eliminate field induced charge and to ensure a homogeneous mixture of ionized air. Also featured in the Ion 200 blower are open-cell foam filters on fan intakes that protect the internal components from environmental contamination.

Available in 2 sizes 32" 2 Fan and 44" 3 Fan  
(2 Fan Model Shown)

**Item Number:**

**ION200-32 (32" 2 fan)**

**ION200-44 (44" 3 fan)**

**Features:**

- ☀ Two-speed fans
- ☀ Shielded emitter points
- ☀ Ion output alarm circuitry (optional)
- ☀ Patented Auto-Clean System
- ☀ Available in two sizes: 32" 2 fan and a 44" 3 fan

**Benefits:**

- ☀ Intrinsically balanced; no calibration needed
- ☀ Choice of fan speeds for varying operating conditions
- ☀ Extremely low EMI emissions
- ☀ Alarm notification communicates system failure
- ☀ Eliminates required manual emitter point cleanings
- ☀ Multiple dimensions for flexibility in various manufacturing environments



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### SPECIFICATIONS

<b>Ion Emission</b>	Steady-state DC
<b>Emitter Points</b>	0.012" diameter tungsten wire
<b>Ion Balance</b>	Better than $\pm 15$ V at 18"*
<b>Discharge Time</b>	10 seconds directly under each of the fanstacks at 18"*
<b>Air Flow Volume</b>	112 CFM (per fan, free-air typical)
<b>Air Filters</b>	Replaceable open-cell foam
<b>Coverage Area</b>	2 Fan-2' x 2.5' 3 Fan-2' X 4'
<b>Audible Noise</b>	59 dB
<b>Input Power</b>	100-240 VAC, 50/60 Hz
<b>Controls</b>	Power/fan speed slide switch with 3 settings: High/Off/Low
<b>Indicators</b>	Multicolor LED: Power on-green, alarm-red
<b>Chassis</b>	Aluminum with epoxy-polyester powder coat
<b>Mounting</b>	Four eye bolts and 1 1/8" S-hooks provided
<b>Dimensions</b>	2 Fan-3.6"H x 6"W x 32"L (9.1 x 15.2 x 81.3 cm) 3 Fan-3.6"H x 6"W x 44"L (9.1 x 15.2 x 111.8 cm)
<b>Operating Environment</b>	Temperature Range 68-77F (20-25C) Humidity 30-50% RH (non-condensing)
<b>Weight</b>	2 Fan - 8 lbs. (3.6 kg) 3 Fan - 10 lbs. (4.5 kg)
<b>Certifications</b>	
<b>Available Options</b>	Power supply failure alarm: red LED



### Auto Clean System

The Auto Clean System features a brush mechanism which sweeps the emitter points when the blower is turned off and on, allowing the ION 200 to always perform at optimum ion output and balance. This automated feature results in reduced operation costs due to lower maintenance.



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\*Measurements taken at high fan speed and with periodic unit cleaning.