

# Corona Staticmaster® Overhead Ionizing Fan



TECHNOLOGY  
& LAB

MODEL NUMBER 6220

CORONA

The Corona Staticmaster Overhead Ionizing Fan Model 6220 provides **efficient, point-of-use ionization** for fast discharge times and precise charge neutralization for the most critical manufacturing environments.

Designed for overhead mounting above the work area, the Model 6220 is an **ideal solution for ESD problems** throughout the manufacturing process.

## APPLICATIONS

- Cleanroom, BEOL, benchtop environments, laboratory environments, medical device assembly

## FEATURES

- Fan, 3-Speed LED Indicator
- Operation and Alarm LED Indicator
- FMS (Facility Monitoring System)
- Steady-State DC Technology <  $\pm 20$  V

## BENEFITS

- Ability to monitor ionizers
- Alarm connection monitor
- Easy-to-clean/replace emitter points

EVERY SITUATION IS UNIQUE. SO IS EVERY SOLUTION.™

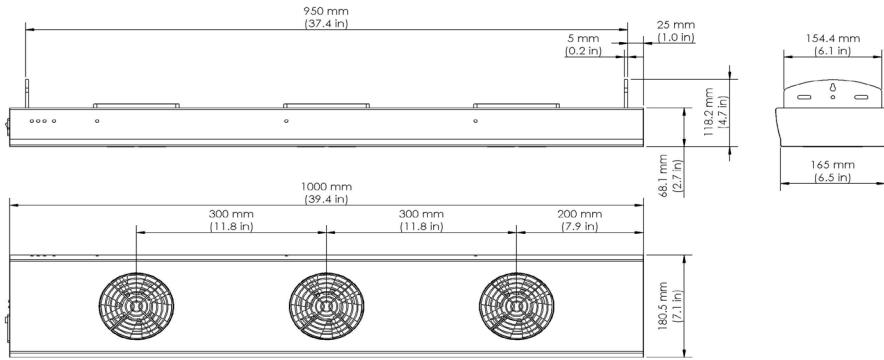


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## SCHEMATICS



## SPECIFICATIONS

**Airflow:** 27-100 CFM (12.74-47.19 L/s)

**Alarm Function:** Audio/LED Alarm at HV Power failure

**Balance:**  $\pm 20$  V

**Dimensions:** 7.1 in W x 4.7 in H x 39.4 in L (180 mm x 118 mm x 1000 mm)

**Emitter Point:** Tungsten 99.99%

**Enclosure:** ABS for Ionizer Enclosures and Brackets

**Finish:** ABS

**Operating Temp:** 15 °C-35 °C

**Operating Humidity:** 35-75%

**Output Monitoring:** FMS Interface

**Power Supply Input Voltage:** 110-240 V AC

**Technology:** Steady-State DC

**Weight:** 7.9 lbs. (3.6 kg)

**DECAY RATE:** .78+ seconds, .72- ( $\pm 1000$  to 100V), ANSI/ESD Association STM 3.1 @ 16", center, 18" above

## MAINTENANCE

It is necessary to clean and balance ionizer regularly. Clean emitter points as needed.

**NOTICE:** NRD expressly warrants that, for a period of one (1) year from the time of purchase, the ionizer will be free of defects in material (parts) and workmanship (labor).

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