

# Staticmaster® Auto-Balanced Ionizing Fan



TECHNOLOGY  
& LAB



INDUSTRIAL

MODEL NUMBER 6211

CORONA



The Staticmaster® Auto-Balanced Ionizing fan utilizes NRD's auto-balancing technology, making it **ideal for semiconductor back-end, printed circuit board assembly, and general electronics applications.**

The Model 6211 is easy to use and maintain as it does not require periodic calibration to maintain its low offset voltage balance. The Facility Monitoring System (FMS) interface also allows real-time ionizer status monitoring and provides visual and audio alarms for ionizer malfunctions or power down.

## APPLICATIONS

- PCB, BEOL, electronic assembly, molded parts, roll film, medical devices, injection molding

## FEATURES

- Auto-balance Technology
- Steady-State DC Technology
- FMS (Facility Monitoring System)
- Operation and Alarm LED Indicator

## BENEFITS

- No calibration required
- Ability to monitor ionizers
- Easy-to-access emitter pins for cleaning
- Compact and lightweight

EVERY SITUATION IS UNIQUE. SO IS EVERY SOLUTION.™

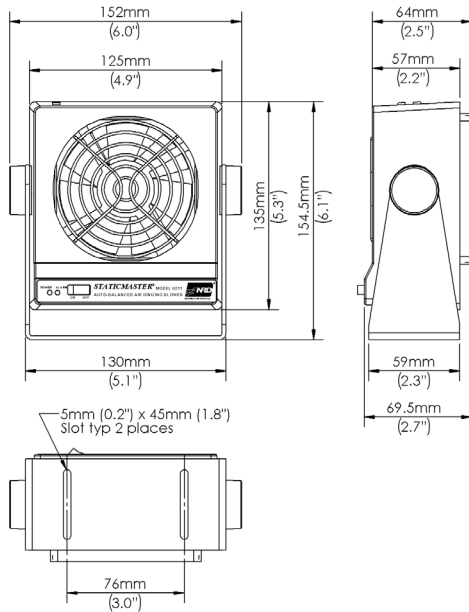


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## SCHEMATICS



## SPECIFICATIONS

**Airflow:** 100 CFM (47.19 L/s)

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

**Balance:** ±20 V

**Dimensions:** 2.5in W x 6.1in H x 6in L (64 mm x 154.5 mm x 152 mm)

**Emitter Point:** Tungsten 99.99%

**Enclosure:** ABS, Aluminum Bracket

**LED Indicators:** Green - Power On; Red - Alarm

**Operating Humidity:** 20-85%

**Output Monitoring:** FMS Interface

**Power Supply Input Voltage:** 24 V DC

**Technology:** Corona

**Weight:** 20.14 oz (570.95 g)

**DECAY RATE:** 2.5 seconds (±1000 to 100V), ANSI/ESD Association STM 3.1 @ 1 foot, center

## 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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