

# Staticmaster® Air Assist Bar Ionizer



TECHNOLOGY  
& LAB



INDUSTRIAL

MODEL NUMBER 6110

CORONA

The Staticmaster Air Assist Linear Ionizer is a high frequency AC ion bar that offers **high efficiency and in a compact size**. The high frequency bar electrically charges air molecules into an abundance of positive and negative ions.

Compared to traditional AC methods, the Air Assist Linear Ionizer is able to **generate higher, more balanced ionization** for much more reliable results.

## APPLICATIONS

- Cleanroom, electronic assembly, medical device assembly, printing, packaging

## FEATURES

- Normal operation indicator light
- High-voltage abnormal operation indicator light
- Adjustable maintenance time
- Customizable static eliminator length

## BENEFITS

- Strong ion concentration ensures stable static eliminating performance
- Automatic ion balance system is within  $\pm 50$  V
- Power supply applies side wiring to guarantee the front and back space

EVERY SITUATION IS UNIQUE. SO IS EVERY SOLUTION.™

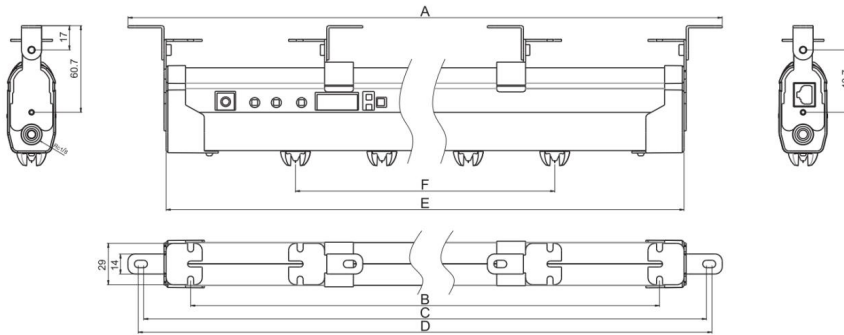


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## SCHEMATICS



## SPECIFICATIONS

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

**Dimensions:** 1 in W x 1.4 in H x 16.25 in-120.2 in L (20 mm x 36 mm x 413-3053 mm)  
(Length can be OEM))

**Effective Distance:** 1.2 in-4 in  
(30 mm-100 mm)

**Operating Humidity:** 0-90%

**Operating Temp:** -10° C-50° C

**Operating Voltage:** 24 V DC

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

**Technology:** AC

**DECAY RATE:** 2 seconds ( $\pm 1000$  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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