

Staticmaster® Small Ionizing Fan



TECHNOLOGY
& LAB



INDUSTRIAL

MODELS 4067

ALPHA



Staticmaster® Small Ionizing Fan is a small platform ionizing fan that utilizes NRD's proprietary alpha ionizing technology to provide a continually balanced output down to zero volts.

When used in conjunction with the Model P-2062, this ionizing fan is ideally suited for bench-top electronics repair and assembly.

NRD's proprietary alpha ionizing technology eliminates the need for constant recalibration and emitter pin maintenance normally associated with other types of ionizing technologies.

APPLICATIONS

- Cleanroom, bench-top electronic assembly, dispensing, medical device assembly

FEATURES

- 2-speed fan
- Maximum positioning flexibility when used with Articulated Arm
- Easy-to-operate design

BENEFITS

- Fits easily into small bench-top spaces
- Balanced static control to zero volts
- No particulate with alpha ionization technology
- User confidence in reliable ion delivery
- No calibration of ion sources
- No emitter points to clean

EVERY SITUATION IS UNIQUE. SO IS EVERY SOLUTION.®

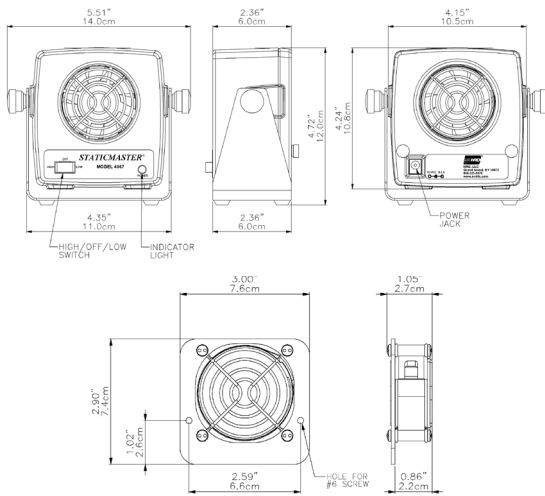


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SCHEMATICS



ACCESSORIES



Ionizing Ring for Fan
Model P-2062



Articulated Arm for maximum positioning flexibility
Model ARM-002

MAINTENANCE

It is necessary to replace ionizers every 12 months to maintain peak effectiveness.

NOTE ON ION SOURCE: All NRD ion sources are encapsulated in precious metals by means of a special patented process. This results in a static eliminator which, unlike competitive products, resists oxidation, solvents, heat, cold and vibration.

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).

SPECIFICATIONS

- Activity:** 14.1 mCi (522 MBq) (P-2062))
- Airflow:** Low speed, 155.8 SFPM (5.5 L/s); High speed, 211.6 SFPM; (7.47 L/s)
- Balance:** ± 0 V
- Current Draw:** 4 W
- Dimensions:** 2.36in W x 4.72in H x 5.51in L (60mm x 120 mm x 140 mm)
- Enclosure (MODEL 4067):** ABS/PC housing, metal base
- Enclosure (MODEL P-2062):** Stainless Steel
- Fan Flow Rating:** 29.2 CFM (0.01 m3/s)
- Finish:** ABS
- Power Supply Input Voltage:** 120 V AC
- Technology:** Alpha
- Weight (MODEL 4067):** 13.5 oz (399g)
- Weight (MODEL P-2062):** 4.3 oz (127 g)

DECAY RATE:

< 2 seconds (± 1000 to 100V), ANSI/ESD Association STM 3.1 @ 1 foot, center

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