



#### APPLICATIONS:

- Bench-top electronic assembly, dispensing, medical assembly

#### FEATURES:

- Small and lightweight
- Portable
- NRC-Exempt alpha cartridge

#### BENEFITS:

- No emitter points to clean
- Easily fits into small spaces
- Creates low air flow

## Staticmaster® Compact Ionizing Fan



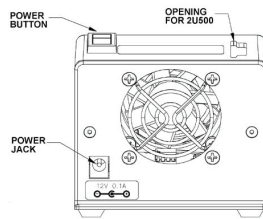
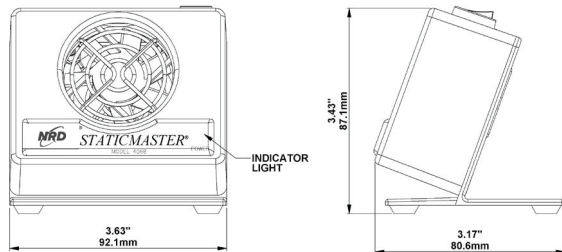
**The Staticmaster® Compact Ionizing Fan is the perfect solution for neutralizing small objects with a very low air flow.** Its compact size also makes it ideal for use in areas where space is an issue.

The Model 4068 is the perfect tool for removing static charge from plastic weigh boats, vials, test tubes, and irregularly shaped objects before they are placed into the weigh chamber.

When paired with the Model 2U500 Ionizing Cartridge, the Compact Ionizing Fan delivers a balanced stream of ions capable of removing static charges quickly and effectively and is the perfect complement to NRD's other Analytical Balance products.

# Model 4068 ALPHA Staticmaster® Compact Ionizing Fan

## Schematics:



## Specifications:

**Activity:** 0.5 mCi (18.5 MBq) (2U500)

**Balance:** ±0 V

**Current Draw:** 2 W

**Dimensions:** 3.17in W x 3.43in H x 3.63in L (80.6 mm x 87.1 mm x 92.1 mm)

**Effective Distance:** 1in–3in (25.4 mm – 76.2 mm)

**Enclosure (MODEL 4068):** ABS

**Enclosure (MODEL 2U500):** Stainless Steel

**Fan Flow Rating:** 13.8 CFM (.0006 m3/s)

**Power Supply Input Voltage:** 120 V AC

**Technology:** Alpha

**Weight:** 8 oz (227 kg)

### DECAY RATE:

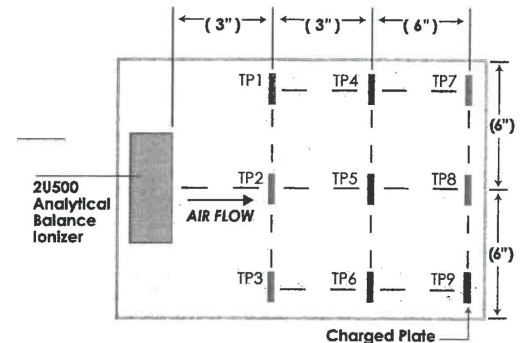
< 6 seconds (±1000 to 100V), ANSI/ESD Association STM 3.1 @ 3 inches

## Accessories:



Alpha Ionizer  
Model 2U500

ANALYTICAL BALANCE IONIZING BLOWER DECAY PERFORMANCE TEST		
Position Num.	(+) Decay Time (sec)	(+) Decay Time (sec)
TP2	8.72	9.02
	9.15	9.24
	8.80	9.51
	8.90	9.57
	9.00	9.62
<b>AVERAGE</b>	<b>8.91</b>	<b>9.39</b>
TP5	9.83	10.51
	10.05	10.73
	9.94	10.59
	9.88	10.61
	9.96	10.68
<b>AVERAGE</b>	<b>9.93</b>	<b>10.62</b>
TP8	12.95	14.67
	13.18	15.32
	13.20	15.59
	13.58	15.24
	13.52	14.59
<b>AVERAGE</b>	<b>13.29</b>	<b>15.08</b>



## 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).