

Phoenix 2.0

Extended Range Ionizing Air Blower

Simco-Ion's Phoenix 2.0 Ionizing Air Blower is a highly reliable, extended-range ionizing blower designed for static elimination up to 10' away. Offering superior performance, the Phoenix 2.0 reduces rework and rejects due to contamination while enhancing operator safety. Simple to use and mount, the Phoenix 2.0 is a versatile blower that is the perfect solution for various applications like:

- Automotive
 - Plastic parts molding and painting lines (headlights, bumpers)
 - Interior trim assembly
 - Electronic assembly
- Pharmaceutical/Medical Manufacturing
 - Packaging lines
 - Plastic components molding (tubes and syringes)
- Plastic Processing
 - Injection molding and extrusion lines
 - Film and sheet production
 - Grinding and recycling processes
- Converting & Packaging Operations
 - Unwind and rewind stations
 - Shrink wrapping and bagging lines
 - Cartoning and palletizing



KEY FEATURES AND BENEFITS

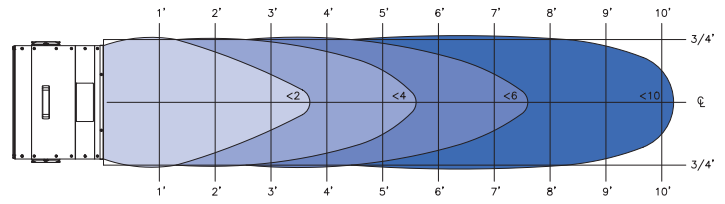
- **Automatic Ion Balance:** Maintains consistent static neutralization without the need for manual adjustment.
- **Front-Mounted Speed Controls:** Fan speed controls are front-facing with LED indicators for easy accessibility and visibility.
- **Global Compatibility:** Worldwide compatibility with universal power input.
- **Remote On/Off and Alarm Output:** Integrates seamlessly for monitoring and remote standby. PCB Connector Sold Separately
- **Simple Maintenance:** Point cleaner and replaceable filters are designed for quick cleaning and minimal downtime.
- **Mounting Versatility:** Tilt bracket offers ~360 degree rotation for various mounting possibilities.
- **Superior Performance:** Higher airflow and velocity compared to competing blowers.

PART NUMBERS & SPECIFICATIONS

| | |
|----------------------|------------------------------------------------------------|
| 5052152 | Phoenix 2.0 Blower w/ North America/JPN 115V Cable, 7.5 FT |
| 5052153 | Phoenix 2.0 Blower w/ North America/JPN 230V Cable, 8 FT |
| 5052154 | Phoenix 2.0 Blower w/ EU 230V Cable, 6.5 FT |
| 5052155 | Phoenix 2.0 Blower w/ China 220V Cable, 6 FT |
| 5052156 | Phoenix 2.0 Blower w/ UK/IRL 230V Cable, 8.2 FT |
| 5052150 | 1" Diameter Post Mounting Kit (for add'l mounting options) |
| 5052148 | Portable Floor Stand |
| 5051926 | PCB 5-Position Connector (for remote operations) |
| Balance | ±50V |
| Blower Output | 230 CFM [6.4 m3/min] to 360 CFM [10.2 m3/min] |
| Certification | ETL, CE |

DISCHARGE TIME PERFORMANCE

Each region represents approximate (in seconds) required to discharge per EOS/ESD standard No.3, 1000V-100V.

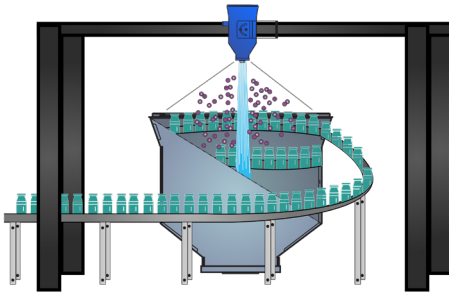


Note: Characteristics will vary based on material, air volume output, and use of air input filters.

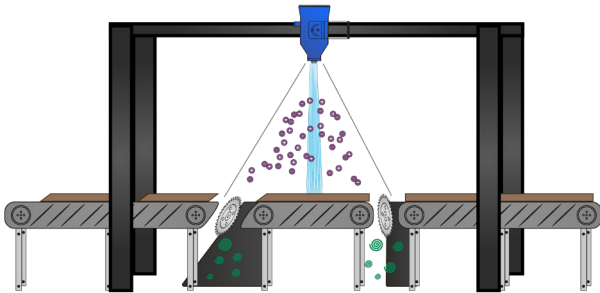
BLOWER APPLICATIONS

Positioned above the area to neutralize the charges and prevent the products from misalignment, and attracting debris.

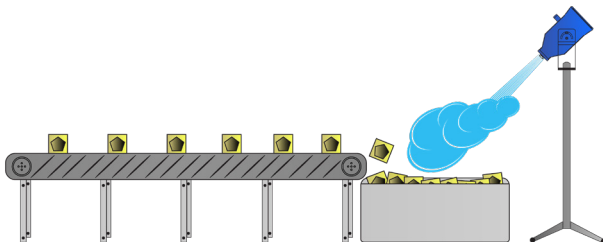
Bowl Feeder



Cutting Station



Injection Molding



PERFORMANCE COMPARISON

