SIMCO ION™
An ITW Company

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

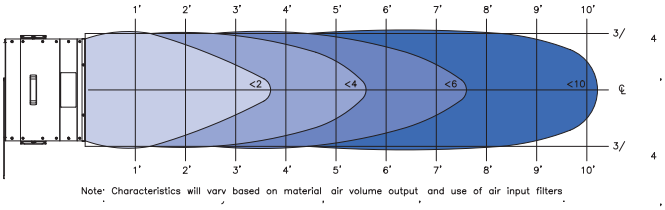


KEY FEATURES AND BENEFITS

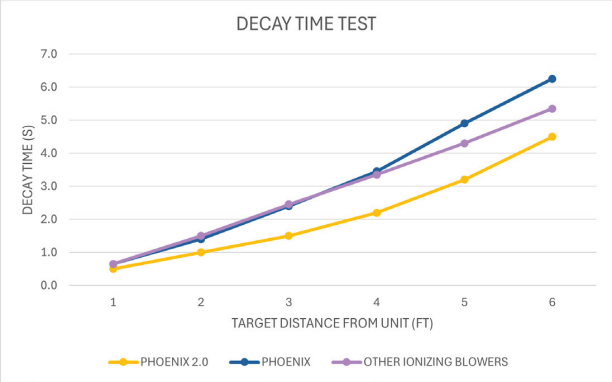
- Automatic Ion Balance: Maintains consistent static neutralization without the need for manual adjustment.
- Front-Mounted Speed Controls: Fan speed controls are front-facing with LED indicators for easy accessibility and visibility.
- Global Compatibility: Worldwide compatibility with universal power 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.

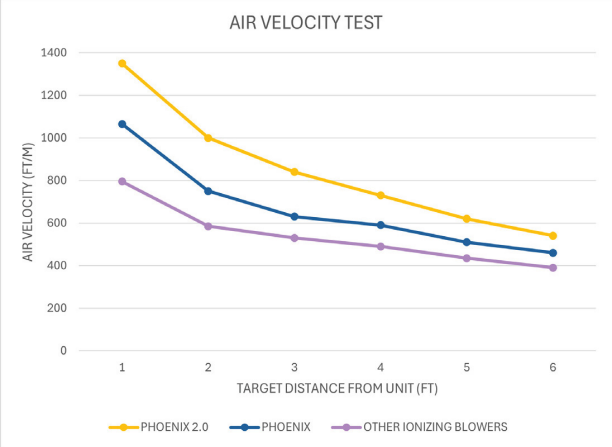
DISCHARGE TIME PERFORMANCE

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



PERFORMANCE COMPARISON

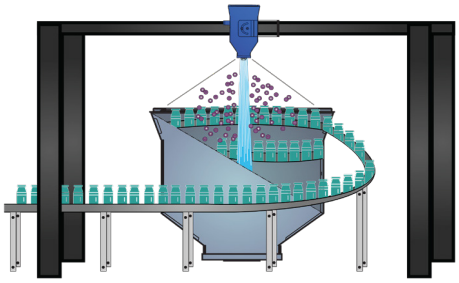




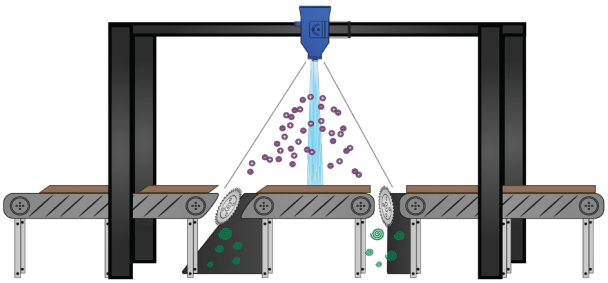
BLOWER APPLICATIONS

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

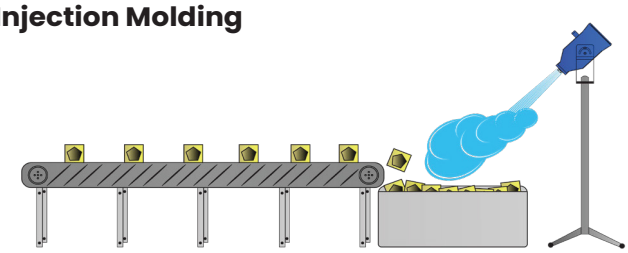
Bowl Feeder



Cutting Station



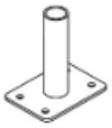
Injection Molding



PART NUMBERS & SPECIFICATIONS

5052152	Phoenix 2.0 Blower w/ North America/JPN 115V Cable, 2,29 m*
5052153	Phoenix 2.0 Blower w/ North America/JPN 230V Cable, 2,44 m*
5052154	Phoenix 2.0 Blower w/ EU 230V Cable, 1,98 m*
5052155	Phoenix 2.0 Blower w/ China 220V Cable, 1,83 m*
5052156	Phoenix 2.0 Blower w/ UK/IRL 230V Cable, 2,50 m*
***ALL UNITS INCLUDE BRACKET**	
5052150	1" Diameter Post Mounting Kit (for add'l mounting options)
5052148	Portable Floor Stand Kit (includes stand & post mounting kit)
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
Effective Neutralizing Width	413MM/16.25"W
Certification	ETL, CE

ACCESSORIES (SOLD SEPARATELY)



T-Post



Lock Washer
x4



Bolt
x4



Stantion Base
(User supplied)

5052150
Post Mounting Kit



5052148
Portable Floor Stand Kit
(includes 5052150)



5051926
PCB Connector

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