

Model 360 Series

ENHANCED CoreStat® Self-Balanced Air Ionizing Blower



FEATURES

- Steady-State DC Ion Emission
- Self-Balance Technology
- Compliance with ANSI/ESD S20.20
- RJ-45 Terminal for FMS
- LED & Audio Alarms
- One-Touch Auto-Cleaning (Except 360A)

BENEFITS

- No Calibration
- Low Peak Offset Voltage
- No High-Voltage Switching
- Transient Noise-Free
- Replaceable Emitter Points

APPLICATIONS

The Model 360 Series, featuring CoreStat self-balancing steady-state DC ionization technology, is designed for Class 0 ESD control in semiconductor assembly, test, and PCB handling processes.

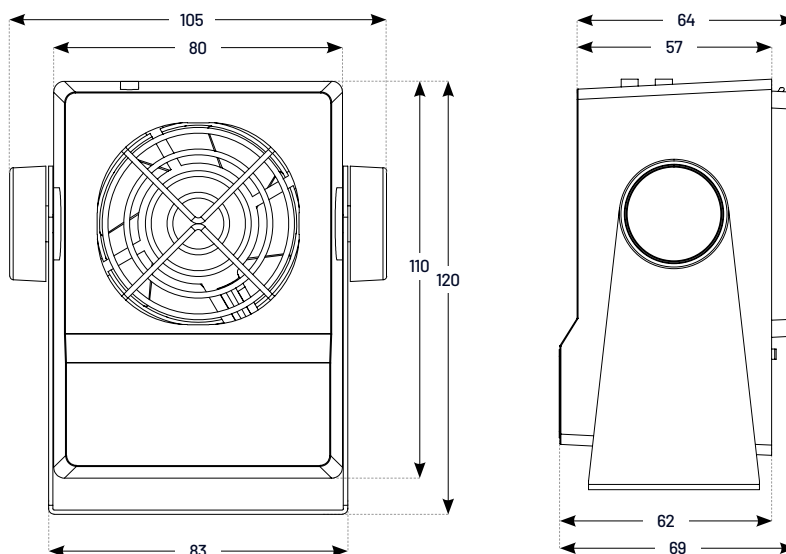
The unique one-touch automatic cleaning system temporarily powers down the unit for a few seconds and automatically returns to normal operation after the cleaning cycle is completed.

Its compact and lightweight design allows for easy installation in confined spaces within equipment.

SPECIFICATIONS

	360E	360S	360A
Input Voltage	24VDC, 4.8 W Max		
Ion Emission	Steady-State DC Technology		
Ion Balance	± 5 V Peak Offset Voltage	± 10 V Peak Offset Voltage	± 5 V Peak Offset Voltage
Discharge Time	Less than 5 seconds at 300 mm	Less than 3 seconds at 300 mm	Less than 5 seconds at 300 mm
Air Flow	27 CFM	34 CFM	27 CFM
Alarm	LED & audio alarms activate when balance limits cannot be maintained or when HV power failure occurs.		
Monitoring	RJ-45 Terminal for FMS Interface		
Operating Environment	Temperature : 15 - 35°C / Humidity : 35 - 75 % RH		
Material	Enclosure : ABS Plastic		
Dimensions (mm)	80 W x 110 H x 64 D mm (without Stand) / 105 W x 120 H x 64 D mm (with Stand)		
Compatibility	ISO 14644-1 Class 4		
Weight	340 g (with Stand)		
Warranty	2 year limited warranty		
Certification	  		

SIZE & DIMENSIONS (mm)



OUTPUT SIGNAL AND WIRING FOR FACILITY MONITORING SYSTEM (FMS)

Status	Visual	Audio
Normal Operation	Green	Inactivate
HV Power Fail	Red	Continuous Sound
Balance Fail	Red	Beeping Sound

Condition	Pin 2/4	Pin 6/8	Pin 7
Normal	Open	Open	Low
HV Power alarm	Open	Closed	High
Balance alarm	Closed	Open	Low

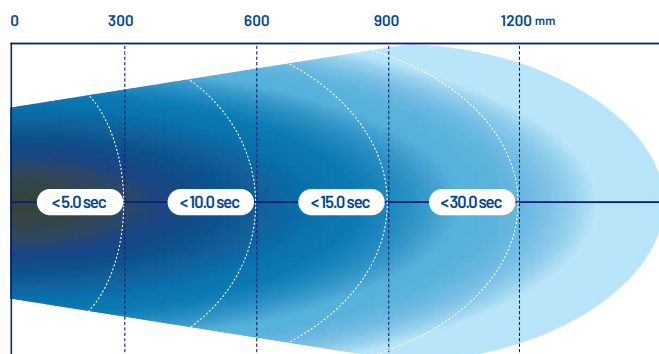
PRODUCT INFORMATION

Model 360E	Moderate Fan Speed / One-Touch Cleaning System
Model 360A	Moderate Fan Speed
Model 360S	High Fan Speed / One-Touch Cleaning System

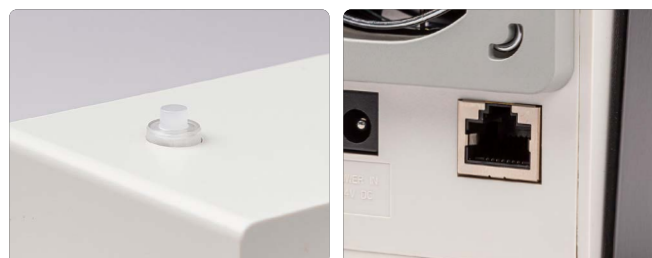
RELATED PRODUCTS

Model 5360EP	99.99% Tungsten Emitter Point
Model 5360GF	Rear Panel Grill Filter
Model 5360AC	Auto-Cleaning Brush

DISCHARGE TIME



* Discharge time and balance measured according to ANSI/ESD STM3.1 using a Charge Plate Monitor(CPM)



Ion Balance &
HV Power
Fault Alarms

One-Touch
Automatic
Cleaning System

RJ-45 Terminal
for FMS