

Enhanced

Model 3720E

CoreStat® Self-Balanced와 Auto-Cleaning Ionizer

Cleaning Cycle Programmable



FEATURES

- CoreStat™ Auto-Balanced Technology
- Steady-State DC Ion Emission
- Low Offset Voltage
- Programmable Cleaning Cycle
- Auto-Stop & Auto-Cleaning
- Five Steps Fan Speed
- IR Remote controller

BENEFITS

- Slim Design
- No Calibration Required
- Fast Discharge time
- Emitter Points Easy Replacement
- Visual & Audio alarm

APPLICATIONS

CoreStat self-balanced technology, Model 3730EL is designed Class 0 CDM ESD control applications for semiconductor back-end, printed circuit board assembly and general electronics applications. Model 3730EL ionizing blower does not requires calibration and intrinsically maintains low peak offset voltage less than $\pm 5V$.

Built-in auto-cleaning brush operates when the fan filter grill has open, power on/off cycle, press cleaning button and programmable from day 1 to user defined cleaning cycle. Light weight and slim design allow more convenient installation when space is limited.

Fast Discharge

Model 3720E CoreStat™ Overhead Ionizing Blower

Specification

Input Voltage	100 - 240 VAC, 1A Max
Ion Emission	Steady-state DC Technology
Ion Balance	< ±10V
Discharge Time	Less than 5 sec at 120 cm (high fan speed)
Air Flow	150 CFM, 5 Step Fan Speed Adjustment
Alarm	Visual & Audio alarm operate for power failures and out of balance
Monitoring	FMS monitoring interface
Operating Environment	Temperature : 15 - 35°C Humidity : 35 - 75 % RH
Material	Enclosure, Filter Cover and Bracket: ABS plastic
Dimensions (mm)	118H x 180D x L (680, 1000, 1200)
Weight	2.6 kg
Warranty	2 year limited warranty
Certification	CE RoHS UL LISTED



LED Light Option



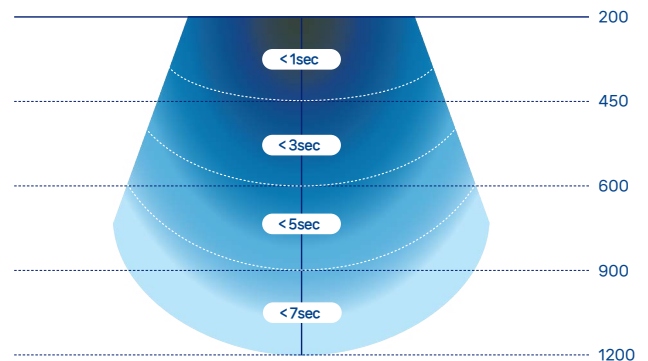
Auto-Cleaning Brush & Easy-opened Grill Filter

Facility Monitoring System Output Signals

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

Condition	FMS 1~2	FMS 4~5	FMS 3~6
Normal	Open	4~5mA	Open
Alarm	Closed	17~20mA	Closed
Power Off	Closed	Open	Closed

Discharge Time



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

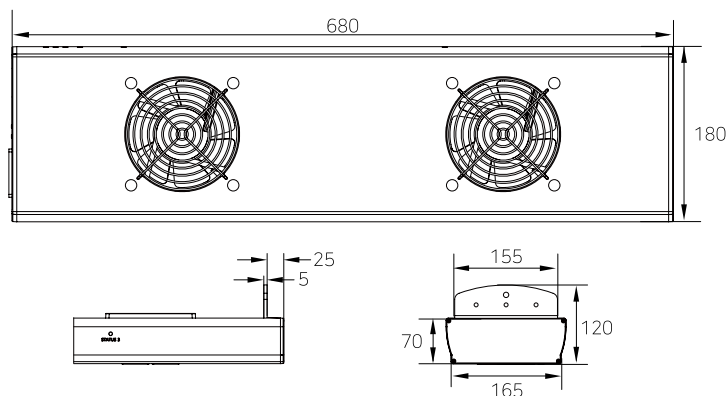
Related Products

Model 5711R	Remote Controller
Model 5380GF	Grill Filter
Model 5390AC	Auto-Cleaning Brush

Purchase options

Model 3720E	Built-in Auto-Cleaning Brush
Model 3720EL	Built-in Auto-Cleaning Brush, LED Lights

Size & Dimensions (mm)



Enhanced

Model 3730EL

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Cleaning Cycle Programmable



FEATURES

- Steady-State DC Ion Emission
- Low Offset Voltage
- Programmable Cleaning Cycle
- Five Steps Fan Speed
- IR Remote Controller
- Daisy-Chained AC Power

BENEFITS

- No Calibration Required
- Auto-Stop Safety Function
- Slim Design
- Emitter Points Easy Replacement

APPLICATIONS

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Fast Discharge

Model 3730EL CoreStat™ Overhead Ionizing Blower

Specification

Input Voltage	100 - 240 VAC, 1A Max
Ion Emission	Steady-state DC Technology
Ion Balance	< ±5V
Discharge Time	Less than 1 sec at 30 cm (high fan speed)
Air Flow	150 CFM, 5 Step Fan Speed Adjustment
Alarm	Visual & Audio alarm operates when ionizer is can not maintain balance limit and for power failures
Monitoring	RJ-45 terminal
Operating Environment	Temperature : 15 - 35°C Humidity : 35 - 75 % RH
Material	Enclosure & Filter : ABS plastic Emitter Points : Tungsten (replaceable) Bracket : Aluminum
Dimensions (mm)	1000W x 70H x 180D (without bracket) 1000W x 120H x 180D (with bracket)
Weight	4.2 kg
Warranty	2 year limited warranty
Certification	CE  



LED Light Option



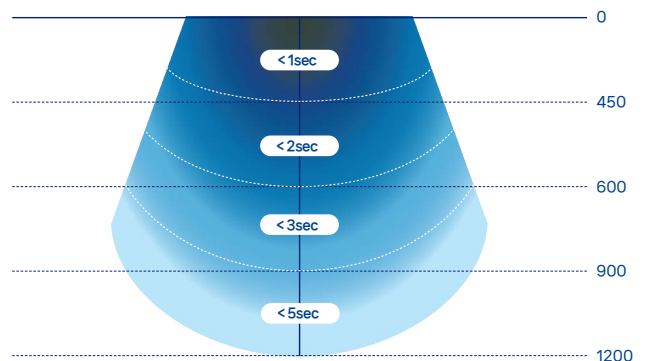
Auto-Cleaning Brush & Easy-opened Grill Filter

Facility Monitoring System Output Signals

Status	Visual	Audio
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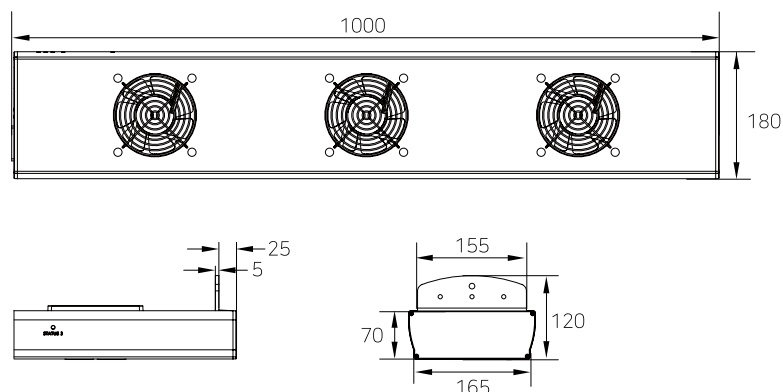
Related Products

Model 5711R	Remote Controller
Model 5380GF	Grill Filter
Model 5390AC	Auto-Cleaning Brush

Purchase options

Model 3730E	Built-in Auto-Cleaning Brush
Model 3730EL	Built-in Auto-Cleaning Brush, LED Lights

Size & Dimensions (mm)



Enhanced

Model 3740E

CoreStat® Self-Balanced와 Auto-Cleaning 이오나이저

Cleaning Cycle Programmable



FEATURES

- CoreStat™ Auto-Balanced Technology
- Steady-State DC Ion Emission
- Low Offset Voltage
- Programmable Cleaning Cycle
- Auto-Stop & Auto-Cleaning
- Five Steps Fan Speed
- IR Remote controller

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Fast Discharge

Model 3740E CoreStat™ Overhead Ionizing Blower

Specification

Input Voltage	100 - 240 VAC, 1A Max
Ion Emission	Steady-state DC Technology
Ion Balance	< ±5V
Discharge Time	Less than 1 sec at 30 cm (high fan speed)
Air Flow	150 CFM, 5 Step Fan Speed Adjustment
Alarm	Visual & Audio alarm operates when ionizer is can not maintain balance limit and for power failures
Monitoring	RJ-45 terminal
Operating Environment	Temperature : 15 - 35°C Humidity : 35 - 75 % RH
Material	Enclosure & Filter : ABS plastic Emitter Points : Tungsten (replaceable) Bracket : Aluminum
Dimensions (mm)	1000W x 70H x 180D (without bracket) 1000W x 120H x 180D (with bracket)
Weight	4.2 kg
Warranty	2 year limited warranty
Certification	CE RoHS UL LISTED



LED Light Option



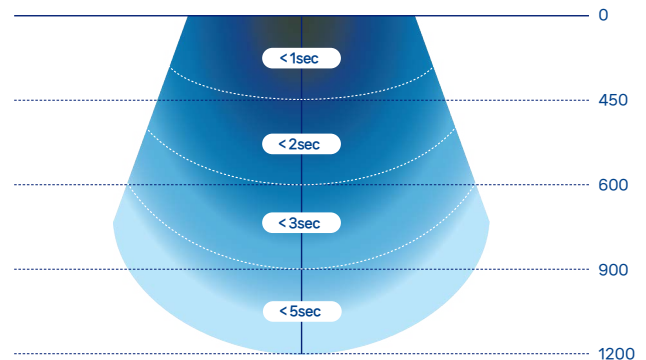
Auto-Cleaning Brush & Easy-opened Grill Filter

Facility Monitoring System Output Signals

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

Condition	FMS 1~2	FMS 4~5	FMS 3~6
Normal	Open	4~5mA	Open
Alarm	Closed	17~20mA	Closed
Power Off	Closed	Open	Closed

Discharge Time



Discharge time과 이온 밸런스 측정은 ANSI/ESD STM3.1 방법에 따라 Charge Plate Monitor를 사용하여 실시

Related Products

Model 5711R	Remote Controller
Model 5380GF	Grill Filter
Model 5390AC	Auto-Cleaning Brush

Purchase options

Model 3740E	Built-in Auto-Cleaning Brush
Model 3740EL	Built-in Auto-Cleaning Brush, LED Lights

Size & Dimensions (mm)

