

Twice as effective as competitor units



*Plasma Cleanair is continuously improving its products and services and reserves the right to alter designs without prior notice

Competitors often quote efficiency/particle removal rates for ESPs of 95%-plus. However, that often relates only to low-volume air flows. Our Electrostatix is different – it provides the highest efficiency for the highest flow rates. Ask us and we'll tell you what results you can expect in your kitchen.

Honeycomb-type systems create only positively charged particles, leaving around 20% of particles untouched. But our ESPs create both positive and negatively charged particles. This radically improves performance.

That and an innovative extra depth-collector cell helps make our electrostatic filters (ESPs) up to twice as effective as competitor units at removing grease and smoke particulates from kitchen extraction systems.

Benefits

- An extra depth collector cell for extra efficiency
- Low pressure drop – 90Pa per pass, for lower energy costs
- Stainless-steel spike ionisers for longer life
- Solid-state power supply
- Two-year parts warranty

Related products

Electrostatix ESP UV

The full works - powerful grease, smoke and odour control - in one neat, integrated package.

[Find out more](#)



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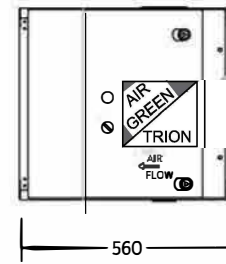


ESP 3500

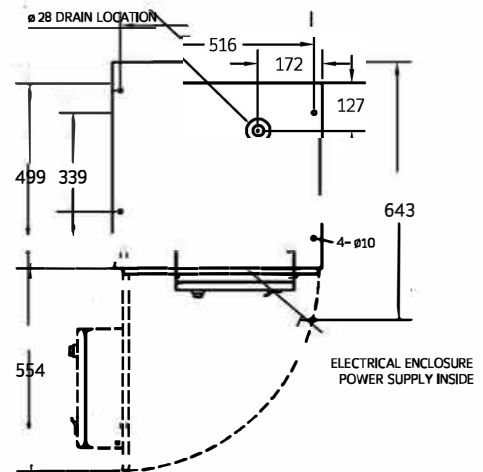
designed for in-duct installation where other external sources provide air movement. It has a single combined aluminum ionizer/collector cell with stainless steel spiked ionizers and an air volume range up to 3,500 CMH at 95% and up to 4,000 CMH at 90%.

Specifications	
Dimensions (mm)	560D x 643W x 534H
Installation	Suspended, wall, frame, or duct mounted
Unit weight (kg)	50
Input voltage	220-240V/50Hz/1PH
Ionizer/collector output voltage	12kV/6kV
Product power (w)	30
Number of cells	1
Airflow (CMH)	4,000 (2,354 CFM)
Pressure drop (Pa)	≤65
Flange size (mm)	499 x 534
Controls	Power switch with an indicator light
Pre-filter	460L x 460W x 22.2D Standard aluminum mesh Heavy oil filter (optional)
Primary filter	Standard forever filter – electronic ionizer/ collector cell
After-filter	Activated carbon plate filter (optional)
Power supply	High-frequency solid-state design
Efficiency	To 95% based on ASHRAE 52.2 To 99% for double pass (calculated)
Construction	Welded galvanized steel, 1.2mm (18 gauge) top/bottom, 1.5mm (16 gauge) columns
Finish	Blue epoxy powder coating (RAL 5017)
Particle size	0.01 to 10 microns
General	Multiple units can be joined together for increased volume or higher frequency

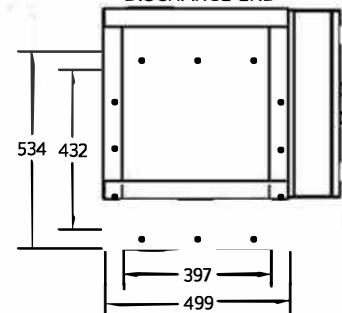
FRONT VIEW



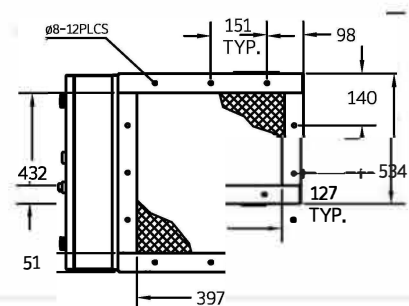
TOP VIEW



DISCHARGE END



INTAKE END



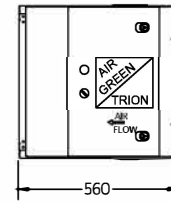
ESP 7000

Designed for in-duct installation where other external sources provide air movement. It has two combined aluminum ionizers/collector cells with stainless steel spiked ionizers and an air volume range up to 7,000 CMH at 95% and up to 8,000 CMH at 90%.

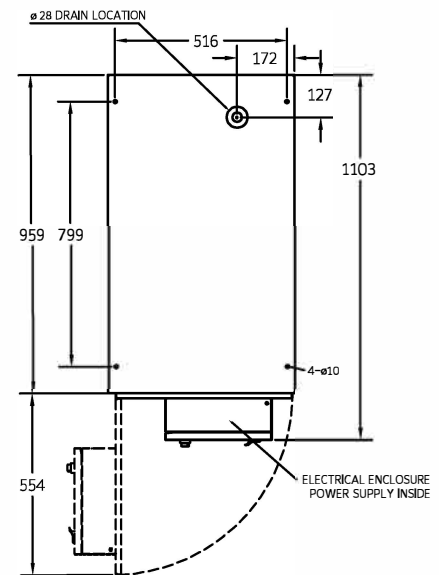
Specifications

Dimensions (mm)	560D x 1,103W x 534H
Installation	Suspended, wall, frame, or duct mounted
Unit weight (kg)	70
Input voltage	220-240V/50Hz/1PH
Ionizer/collector output voltage	12kV/6kV
Product power (w)	50
Number of cells	2
Airflow (CMH)	8,000 (4,708 CFM)
Pressure drop (Pa)	≤65
Flange size (mm)	959 x 534
Controls	Power switch with an indicator light
Pre-filter	2 x (460L x 460W x 22.2D) Standard aluminum mesh Heavy oil filter (optional)
Primary filter	Standard forever filter - electronic ionizer/ collector cell
After-filter	Activated carbon plate filter (optional)
Power supply	High-frequency solid-state design
Efficiency	To 95% based on ASHRAE 52.2 To 99% for double pass (calculated)
Construction	Welded galvanized steel, 1.2mm (18 gauge) top/bottom, 1.5mm (16 gauge) columns
Finish	Blue epoxy powder coating (RAL 5017)
Particle size	0.01 to 10 microns
General	Multiple units can be joined together for increased volume or higher frequency

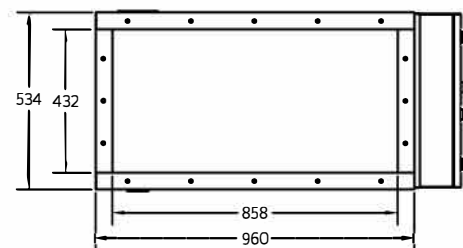
FRONT VIEW



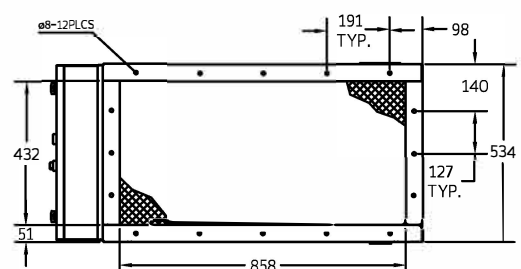
TOP VIEW



DISCHARGE END



INTAKE END

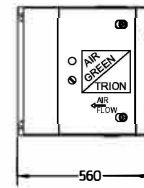


ESP 10500

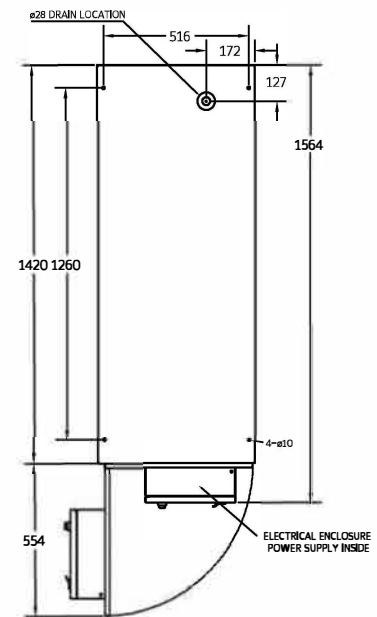
Designed for in-duct installation where other external sources provide air movement. It has three combined aluminum ionizers/collector cells with stainless steel spiked ionizers and an air volume range up to 10,500CMH at 95% and 12,000 CMH at 90%.

Specifications	
Dimensions (mm)	560D x 1,564W x 534H
Installation	Suspended, wall, frame, or duct mounted
Unit weight (kg)	105
Input voltage	220-240V/50Hz/1PH
Ionizer/collector output voltage	12kV/6kV
Product power (w)	70
Number of cells	3
Airflow (CMH)	12,000 (7,062 CFM)
Pressure drop (Pa)	≤65
Flange size (mm)	1,420 x 534
Controls	Power switch with an indicator light
Pre-filter	3 x (460L x 460W x 22.2D) Standard aluminum mesh Heavy oil filter (optional)
Primary filter	Standard forever filter – electronic ionizer/ collector cell
After-filter	Activated carbon plate filter (optional)
Power supply	High-frequency solid-state design
Efficiency	To 95% based on ASHRAE 52.2 To 99% for double pass (calculated)
Construction	Welded galvanized steel, 1.2mm (18 gauge) top/bottom, 1.5mm (16 gauge) columns
Finish	Blue epoxy powder coating (RAL 5017)
Particle size	0.01 to 10 microns
General	Multiple units can be joined together for increased volume or higher frequency

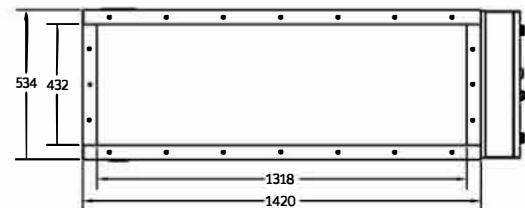
FRONT VIEW



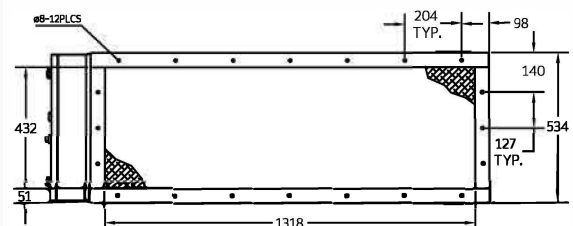
TOP VIEW



DISCHARGE END



INTAKE END



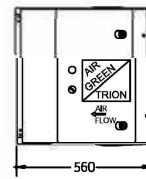
ESP 14000

Designed for in-duct installation where other external sources provide air movement. It has four combined aluminum ionizers/collector cells with stainless steel spiked ionizers and an air volume range up to 14,000 CMH at 95% and up to 16,000 CMH at 90%.

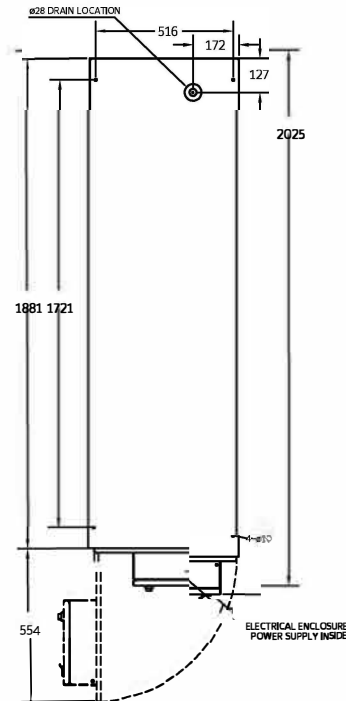
Specifications

Dimensions (mm)	560D x 2,025W x 534H
Installation	Suspended, wall, frame, or duct mounted
Unit weight (kg)	145
Input voltage	220-240V/50Hz/1PH
Ionizer/collector output voltage	12kV/6kV
Product power (w)	90
Number of cells	4
Airflow (CMH)	16,000 (9,417 CFM)
Pressure drop (Pa)	≤65
Flange size (mm)	1,881 x 534
Controls	Power switch with an indicator light
Pre-filter	4 x (460L x 460W x 22.2D) Standard aluminum mesh Heavy oil filter (optional)
Primary filter	Standard forever filter - electronic ionizer/collector cell
After-filter	Activated carbon plate filter (optional)
Power supply	High-frequency solid-state design
Efficiency	To 95% based on ASHRAE 52.2 To 99% for double pass (calculated)
Construction	Welded galvanized steel, 1.2mm (18 gauge) top/bottom, 1.5mm (16 gauge) columns
Finish	Blue epoxy powder coating (RAL 5017)
Particle size	0.01 to 10 microns
General	Multiple units can be joined together for increased volume or higher frequency

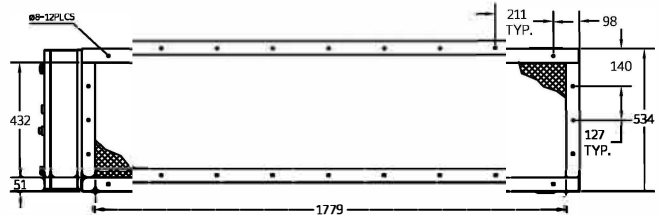
FRONT VIEW



TOP VIEW



INTAKE END



DISCHARGE END

