

Verdant

Electrostatic Precipitators



UL 867
E534805





Commercial and Residential Kitchen ESP Parameters

Parameters	VC-ESP-4	VC-ESP-8	VC-ESP-12	VC-ESP-16	VC-ESP-20
Unit Size (W x H x L) mm	630x540x550	1090x540x550	1550x540x550	2010x540x550	2470x540x550
Power Supply (V/Ph/Hz)	220V/1Ph/50-60Hz	220V/1Ph/50-60Hz	220V/1Ph/50-60Hz	220V/1Ph/50-60Hz	220V/1Ph/50-60Hz
Related Air Volume m3/hr	4800	9600	14400	19200	24000
Efficiency (%)	Up to 99 % (As per Ashrae Standard 52.2-2.12)				
Pressure Drop (Pa)	<100				
Output Voltage	Dual Output : 12 Kv DC for Ionizer , 6 Kv DC for Collector				
Power (W)	32 – 160 W				
No. of Cells	1	2	3	4	5
Pre-Filter	Washable, Aluminum Wire mesh				
Weight	45	70	95	120	145
Installations	Installation ceiling suspended/ Wall or Frame mounted/Multiple Stacked Units				

Special Features

- Smart Power Supply Kit
- Auto Power Cut-off when access door is opened
- 4 Ply aluminum wire mesh panel type filter
- BMS compatibility

Optional Accessories

UV Odour removal

Proposed UV Lamp produces ozone and undergoes photolysis and ozonolysis process to break molecular chain of grease and odour containing compounds. UV Lamps are proven effective natural sanitizer and deodorizer.

- Heavy Duty GI construction
- Epoxy Powder coated
- Running & Fault alarm
- Easy replaceable lamps



Carbon Filters

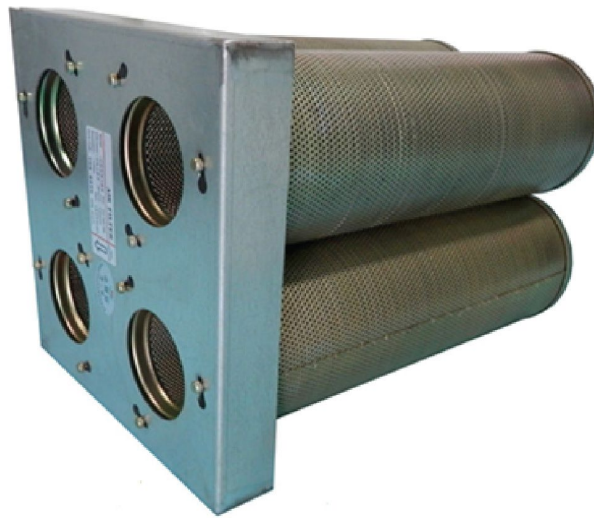
V - Bank

- V Trays for maximum carbon surface area contact & minimum air resistance.
- Higher Odour removal efficiency
- Easy Maintenance - Slide in- Slide out



Cartridges Type

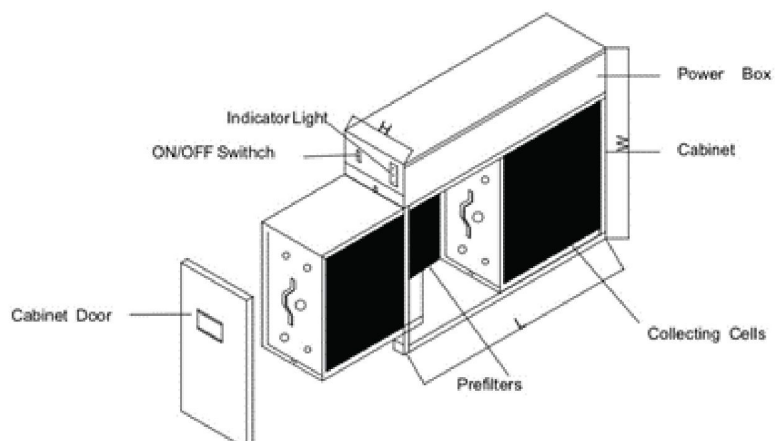
- Support plate in galvanized steel sheet
- Cartridge in galvanized steel sheet with micro-expanded mesh.
- Openable covers for replacement;



Other Similar Products

Ducted Electronic Air Cleaner (VESP D)

- Air Flow range from 90-1200 CMH 3 stage Filtration
- No Filter replacement
- High Air filtration
- Low pressure drop





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