

**IVOLTAIR**

ELECTROSTATIC AIR CLEANER

IV2500 & IV2500UV



## Electrostatic Air Cleaner



### KITCHEN EXHAUST APPLICATIONS

- Smoke
- Grease
- Wood-fire
- Odour
- Display mobile cooking stations
- Vent less hood



### INDUSTRIAL APPLICATIONS

- Oil
- Fumes
- Dust
- Coolant
- CNC workshops



### HVAC APPLICATIONS

- Lounges
- Smoking rooms
- Return air
- Supply air

# IV2500 & IV2500UV

## Technical specification

<b>Dimensions (mm)</b>	H515*W695*L720
<b>Metal of construction</b>	MS CRCA 1.6MM
<b>Finishing</b>	7 tanks processed, Grey powder coat
<b>Electrical parameters</b>	110 - 220V AC, 50HZ, 50 Watts Max
<b>High voltage</b>	Dual output PWM technology power supply unit short circuit, arc protection and auto reset 1.0 Second recovery time CE certified power supply unit
<b>Safety features</b>	Door safety switch integrated, earth leak trip
<b>Air volume</b>	2500 - 3400 CMH
<b>Particle capture range</b>	0.1 Micron Meter - 10 Micron Meter
<b>Maximum efficiency</b>	95% DOP single pass test 97% DOP double pass test complies ANSI / ASHRAE 52.2-2017 standard test procedure
<b>ESP cell technology</b>	Dual stage (Ionizer & collector)
<b>No of cells</b>	1
<b>Mesh filters</b>	01 of aluminum mesh with SS304 frame
<b>BMS connectivity</b>	No volt Relay for BMS monitoring / alarm integration
<b>Operator interface</b>	Green LED - Healthy   Red LED - Clean / Maintenance   Power on/off switch   AC protection fuse
<b>Installation type</b>	Ceiling suspended, floor and stand mount.

## UV details (IV2500UV) for odor removal & air disinfection application

<b>UV lamp wattage</b>	40W * 02
<b>UV output</b>	115 micro watt/sq cm
<b>OZONE output</b>	1.24 Grams/hour (at standard conditions)
<b>Rated life</b>	10000 hours
<b>Control unit</b>	Digital timer with run hours display
<b>Operator interface</b>	UV on blue LED indication

Complies ASHRAE 50.2-2017 Standard for filter efficiency test

Complies NFPA96 Safety standard for ventilation application

Complies NFPA79 electrical standard

Complies IS2418 standard for UV lamps

Complies IS13021 standard for UV ballast

Complies CE standard for high voltage power supply

IVOLTAR® Electrostatic Air Cleaner comes with BDC™ enabled, Bi-directional configuration this enables user friendly installation regardless of directional limitation

### Registered Design



Product of India

Maximum efficiency of the machine achieved within minimum specified air velocities and proper duct work design. IVOLTAR® and BDC™ are the registered properties of its respected organizations

### Company contact information

🏠 Envisync Systems Pvt Ltd  
Hyderabad TS India.

✉️ sales@ivoltair.com

🌐 [www.ivoltair.com](http://www.ivoltair.com)

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