



RY 5000B

Electrostatic Air Cleaner

(Without Blower)

Industrial grade Electrostatic Air Cleaners for collection of dry and wet particulates like dust, oil mist, cooking fumes and various pollutants. Typical application include commercial kitchen exhausts, Air Handling Units (AHUs), factories, workshops, CNC machine shops and many other premises.

Dimensions/Height	H:540 x W:1243 x L:820 mm / 50Kg
Cabinet	Galvanized Steel, 1.6mm / 16 Gauge
Finishing	Powder Coated, Dark Blue
Air Volume (Rated Max)	CFM: 3000 - 4100; CMH: 5000-7000; L/s: 1400-1900
Static Pressure	50 psi / 0.2"
Voltage & Power	220VAC +/-10%, 50/60Hz, 770Watts
Ionizing Voltage	High Voltage: 120KVdc, Low Voltage: 60KVdc
Power Supply	High Frequency solid state and self regulating design.
Air Flow Direction	Default: Right to Left, Reversible: Left to Right
Features	• Short circuit, arc protection and auto restore power supply • SMS (Building Management System) terminals provided • Auto power cut-off when door is opened • Indicator LEDs for normal or wash indicator • Set of Terminals for remote LED normal or wash indicator
Particle size	From 0.3µm (0.3 microns) - 10 microns
Efficiency	DOP test, up to 99% single pass up to 99% double pass, calculated, ASHRAE 52.2-2012, up to 99% single pass, up to 99% double pass, calculated, NGOSH 5026 OLA, MIST FIELD TEST, IAP TO 99%
MERV Ratings	Meets MERV 10 at velocity of 2.5m/s to 3.0m/s
Pre-Filter	Aluminum wire mesh, Washable x 2
Electrostatic Cell	H: 472mm, W: 550mm, L: 343mm
No of Cells / Weight	2/16.5Kg
No Of Plates per Cell	59
Total Collecting Area	12.14 Sq meters
Post Filter (Optional)	Aluminum Wire Mesh, Washable x 2
Installation	Ceiling Suspended, Wall or Frame Mounted, Multiple Units Stack



RY5000B-LV03

ODOUR CONTROL OPTION:

- UV ozone Lamp fitted after electrostatic cell
- Lamp Wattage: 150 watts (2 X 75 Watt)
- Ozone output: 1.4 Grams/hour
- Lamp Life: 12,000 Hours
- Lamp Operation Blue LEDs on Unit's Panel
- All accessories are contained in RV Unit



Front View



Air Intake View



Air Discharge View



Top View

NGOSH National Institute for Occupational Safety and Health
If Running at max capacity will lower efficiency to 80%
CE ISO 9001