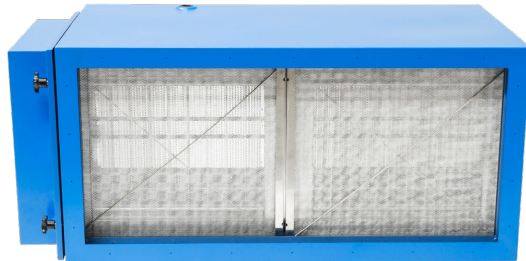


RY-5000B

Electrostatic Air Cleaner with UV Ozone



Without UV optional

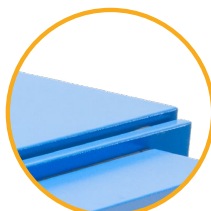
Specifications

Unit:	H: 540mm, W: 1243mm, L: 620mm
Cabinet:	1.4mm/16 Gauge Galvanised Steel
Finishing:	Weather proof powder coated, Dark blue
Weight:	90 kg
Air Volume:	1400 L/s
Air Flow:	Left to Right, Right to Left
LED Operating Indicators:	Green LED (ON) Red LED (OFF) Blue (UV Ozone) on unit's panel
Static Pressure Required:	40 Pascal
Power & Voltage:	230 Volts 1PH – 3 pin cord plug, 50 Hz, 0.45 Amps without UV, 1.25 Amps with UV
Ionising Voltage:	High Voltage 12KVdc, Low Voltage 6KVdc
Airflow Direction:	Right to Left or Left or Right
Power Supply:	High frequency solid state and self-regulating
Particle Size:	0.01 microns – 10 microns
Efficiency:	Single pass 95%, Double pass 99.9% ASHRAE Calculated
MERV Ratings:	Meets MERV 15 at velocity of 2.5m/s to 3.8m/s
Pre-Filter:	Stainless Steel mesh, 2x Washable
Electrostatic Cell Size:	H: 472mm, W: 550mm, L: 340mm
Number of Cells / Weight:	2/16.5 kg per cell
Number of Plates:	61
Total Collection Area:	12.14 Sq metres
Installation:	Ceiling Suspended, Wall of frame mounted, Stacked multiple units
No. of Lamps:	2
Lamp Wattage:	150 Watts
Ozone Output:	14 grams/hour
Lamp Life:	13000 Hours
Application:	Odour Control
Certified To:	AS 1668.1 and AS 1668.2 BCA performance requirements, can be utilised for alternative solution compliance ASHRAE 52.2 2017 -- Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size Australian and New Zealand Electrical certified AS/NZ 60335.1 AS/NZS60335.1:2011+A1, A2, A3 NATA Accredited Laboratory Number: 676



Electrostatic Air Cleaner

Features of the ESP



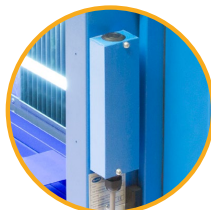
1.5mm power coated steel can be installed for outside installation.



Remote monitor to indicate status of the unit.



Electrical safety tested
AS/NZ560335.1



Single phase (1 PH, 240V) cable connection and control.

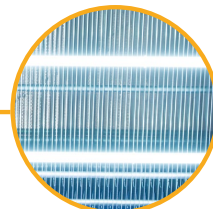
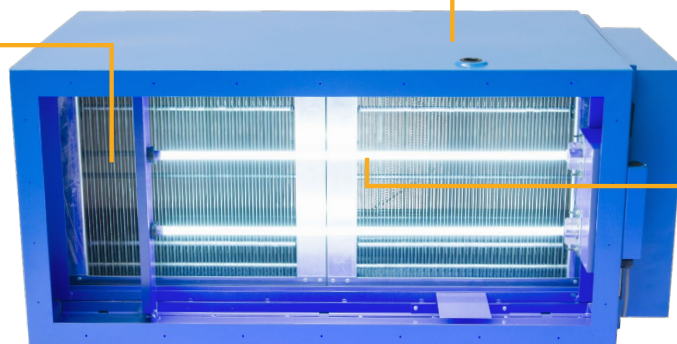


On and Off switch and Red and Green LED indicator lights.

A drain plug is located at the top and bottom of the unit. This is used to drain oil from the unit at each service.



Electrostatic cells comprising of 61 individual plates for higher efficiency.



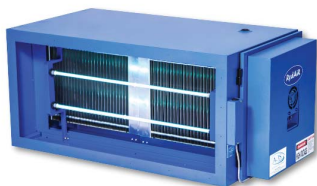
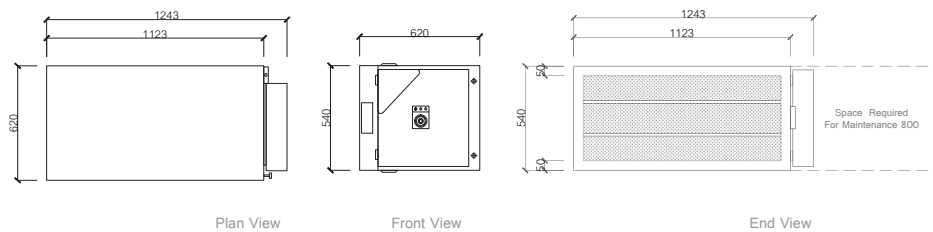
UV ozone injection to remove and oxidise cooking odours efficiently.

RYDAIR Electrostatic Air Cleaner

RY5000B - UV

Specifications

Unit	: H 540mm x W 620mm x L 1243mm	Efficiency	: 95%
Cabinet	: 1.4mm Steel Powder Coated	Velocity	: 2-3 m/s
Weight	: 90 Kg	Particle Size	: Collects particles 0.01 microns
Air Volume	: 1400 - 1900 L/S	UV Ozone Injection:	2 Lamp 75 Watts Per Lamp @ 98% Eff
Air Flow	: Default : Left to Right, Reversible : Right to Left	Certified By	: Blue Haven Technologies KY, USA, Australian Tested KMH Report
Static Pressure	: 50 pa	Certified To	: ASHRAE 52.2 2012, AS 1668 Part 1 & 2, BCA, Independently Odour Assessed.
Power	: 240 Volts / 0.94 Amps		

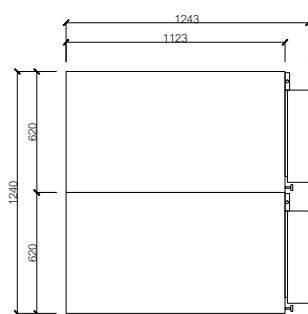


RYDAIR Electrostatic Air Cleaner

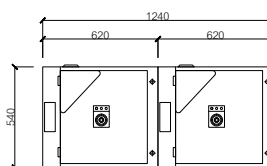
RY5000B - DP - UV

Specifications

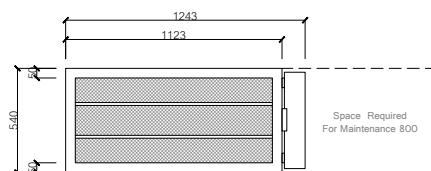
Unit	: H 540mm x W 1240mm x L 1243mm	Efficiency	: 99.9%
Cabinet	: 1.4mm Steel Powder Coated	Velocity	: 2-3 m/s
Weight	: 180 Kg	Particle Size	: Collects particles 0.01 microns
Air Volume	: 1400 - 1900 L/S	UV Ozone Injection:	4 Lamps 75 Watts Per Lamp @ 98% Eff
Air Flow	: Default : Left to Right, Reversible : Right to Left	Certified By	: Blue Haven Technologies KY, USA, Australian Tested KMH Report
Static Pressure	: 100 pa	Certified To	: ASHRAE 52.2 2012, AS 1668 Part 1 & 2, BCA, Independently Odour Assessed.
Power	: 240 Volts / 0.63 Amps		



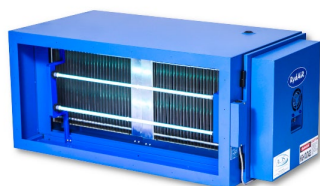
Plan View



Front View



End View

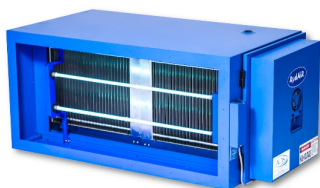
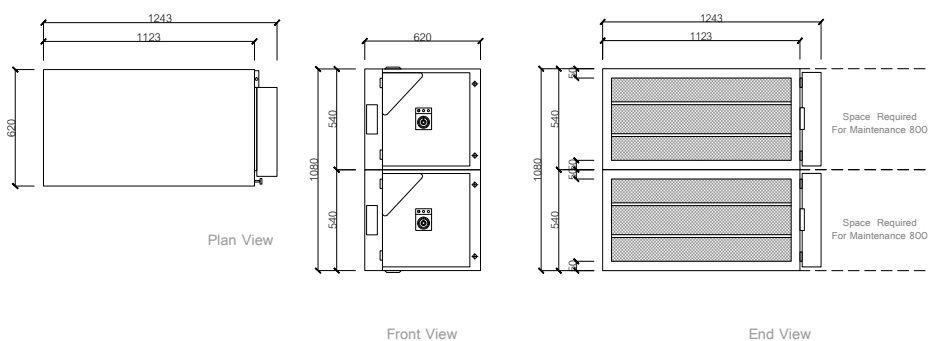


RYDAIR Electrostatic Air Cleaner

RY5000B - 2 - UV

Specifications

Unit	: H 1080mm x W 620mm x L 1243mm	Efficiency	: 95%
Cabinet	: 1.4mm Steel Powder Coated	Velocity	: 2-3 m/s
Weight	: 180 Kg	Particle Size	: Collects particles 0.01 microns
Air Volume	: 2800 - 3800 L/S	UV Ozone Injection:	4 Lamps 75 Watts Per Lamp @ 98% Eff
Air Flow	: Default : Left to Right, Reversible : Right to Left	Certified By	: Blue Haven Technologies KY, USA, Australian Tested KMH Report
Static Pressure	: 100 pa	Certified To	: ASHRAE 52.2 2012, AS 1668 Part 1 & 2,
Power	: 240 Volts / 1.56 Amps		BCA, Independently Odour Assessed.

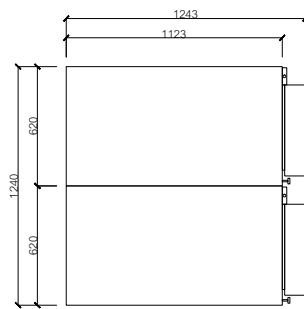


RYDAIR Electrostatic Air Cleaner

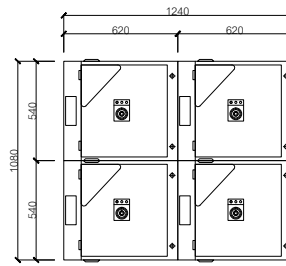
RY5000B - 2 - DP - UV

Specifications

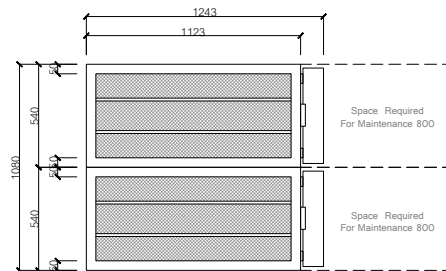
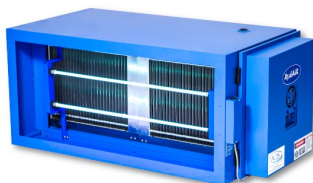
Unit	: H 1080mm x W 1240mm x L 1243mm	Efficiency	: 99.9%
Cabinet	: 1.4mm Steel Powder Coated	Velocity	: 2-3 m/s
Weight	: 360 Kg	Particle Size	: Collects particles 0.01 microns
Air Volume	: 2800 - 3800 L/S	UV Ozone Injection:	8 Lamps 75 Watts Per Lamp @ 98% Eff
Air Flow	: Default : Left to Right, Reversible : Right to Left	Certified By	: Blue Haven Technologies KY, USA, Australian Tested KMH Report
Static Pressure	: 100 pa	Certified To	: ASHRAE 52.2 2012, AS 1668 Part 1 & 2,
Power	: 240 Volts / 0.32 Amps		BCA, Independently Odour Assessed.



Plan View



Front View



End View