



Air Odour Solutions Australia
 32 Chiffley St, Smithfield NSW 2164
 Tel: 02 9721 0020
 Email: info@aosaus.com.au

www.aosaus.com.au
www.aosnz.co.nz

TECHNICAL DATA

ELECTROSTATIC AIR CLEANER WITH UV OZONE AND ACTIVATED CARBON FILTRATION

Model	RY5000B - UV - ACF
Unit Size	H: 540 mm W: 1420 mm L: 2338 mm
Cabinet	1.4mm steel powder coated weatherproof
Weight	270 Kg
LED Operating Indicators	Green LED (ON) Red LED (OFF) Blue (ON/ OFF)
Air Volume	1400 L/s
Airflow Direction	Default: Left to Right Reversible Right to Left
Static Pressure	160 Pa
Power	(x 1) 230 Volts (1PH) – 3 Pin cord plug 50Hz (Plug / Play)
Amps	1.5 Amps
Efficiency	95% efficiency single pass configuration.
Velocity	2 – 3 m/s ASHRAE Calculated
Ionising Voltage	High Voltage 12KVdc, Low Voltage 6KVdc
Particle Size	0.01 microns – 10 microns
BMS	Standardised in every RY series electrostatic unit
Application	Odour Control
No of lamps	2
Ozone output	14 grams / per hour
Lamp life	13000 hours
No of Carbon Trays	X 20 carbon granulated trays
Residential Time	0.1 to 0.2 sec
Carbon Tray Size	660 mm wide x 555 mm long x 20 mm wide
Carbon efficiency	98 %
Maintenance / service access	(x 2) 800 mm x 800 mm
Electrical connection	Filtration equipment must be electrically interlocked with kitchen exhaust fan
Certified To	AS 1668.1 and AS 1668.2 certified to BCA performance requirements can be utilised for alternative solution compliance. ISO 16890 2016 Air filter worldwide testing. ASHRAE 52.2 2017 – Method of testing general ventilation air cleaning devices removal efficiency by particle size. Australian and New Zealand electrical certified to AS/NZS 60335.1 2011 + A1 + A2, A3 NATA Accredited Laboratory Number: 676