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## TECHNICAL DATA

### ELECTROSTATIC AIR CLEANER WITH ACTIVATED CARBON FILTRATION

<b>Model</b>	RY10000B - ACF
<b>Unit Size</b>	H: 540 mm W: 1420 mm L: 2338 mm
<b>Cabinet</b>	1.4mm steel powder coated weatherproof
<b>Weight</b>	514 Kg
<b>LED Operating Indicators</b>	Green LED (ON) Red LED (OFF)
<b>Air Volume</b>	2800 L/s
<b>Airflow Direction</b>	Default: Left to Right Reversible Right to Left
<b>Static Pressure</b>	160 Pa
<b>Power</b>	(x 1) 230 Volts (1PH) – 3 Pin cord plug 50Hz ( Plug / Play)
<b>Amps</b>	0.90 Amps
<b>Efficiency</b>	95% efficiency single pass configuration.
<b>Velocity</b>	2 – 3 m/s ASHRAE Calculated
<b>Ionising Voltage</b>	High Voltage 12KVdc, Low Voltage 6KVdc
<b>Particle Size</b>	0.01 microns – 10 microns
<b>BMS</b>	Standardised in every RY series electrostatic unit
<b>Application</b>	Odour Control
<b>No of Carbon Trays</b>	X 40 carbon granulated trays
<b>Residential Time</b>	0.1 to 0.2 sec
<b>Carbon Tray Size</b>	660 mm wide x 555 mm long x 20 mm wide
<b>Carbon efficiency</b>	98 %
<b>Maintenance / service access</b>	(x 2) 800 mm x 800 mm
<b>Electrical connection</b>	Filtration equipment must be electrically interlocked with kitchen exhaust fan
<b>Certified To</b>	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 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