

ESP - CARBON KITCHEN EXHAUST FILTRATION SYSTEM



Combination of **ESP and activated carbon filtration** to remove smoke, grease and odour from the kitchen exhaust system.

2 STAGE FILTRATION PROCESS



Integration of ESP - to remove smoke, grease



Final phases of the filtering process the activated carbon filtration v bank to absorb any remaining odours in the kitchen exhaust system.

MODULAR DESIGNED



Electrostatic air cleaner and activated carbon v bank filtration units can be stacked on top of each other for increased airflow (L/s) requirement.

ESP - CARBON QUICK DATA

SINGLE PASS PASS 95% EFFICIENCY CONFIGURATION

Models	Airflows	Dimensions	Carbon Available	Pressure drop	Efficiency
RY2500B - ACF	700 L/S	L : 694 mm W : 1420 mm H : 540 mm	YES	160 Pa	95%
RY5000B - ACF	1400 L/S	L : 1243 mm W : 1420 mm H : 540 mm	YES	160 Pa	95%
RY7500B - ACF	2100 L/S	L : 1790 mm W : 1420 mm H : 540 mm	YES	160 Pa	95%
RY10000B - ACF	2800 L/S	L : 2338 mm W : 1420 mm H : 540 mm	YES	160 Pa	95%

DOUBLE PASS PASS 99.9 % EFFICIENCY CONFIGURATION

Models	Airflows	Dimensions	Carbon Available	Pressure drop	Efficiency
RY2500B - DP - ACF	700 L/S	L: 694 mm W: 2040 mm H: 540 mm	YES	220 Pa	99.9 %
RY5000B - DP - ACF	1400 L/S	L: 1243 mm W: 2040 mm H: 540 mm	YES	220 Pa	99.9 %
RY7500B - DP - ACF	2100 L/S	L: 1790 mm W: 2040 mm H: 540 mm	YES	220 Pa	99.9 %
RY10000B - DP - ACF	2800 L/S	L: 2338 mm W: 2040 mm H: 540 mm	YES	220 Pa	99.9 %

Note: Triple pass electrostatic air cleaner with uv ozone and activated carbon v bank filtration available

Certified & Tested To



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