

SLIMLINE



An efficient activated carbon filter system incorporated within a narrow depth unit.

EMCEL Slimline filter units are specifically designed for applications where a high level of filtration is needed but where space, and in particular filter depth, restrictions apply. EMCEL Slimline units are available in two standard formats or can be manufactured to suit customer requirements.

Slimline with replaceable activated carbon cells:

Activated Carbon cells arranged in V-formation housed in a rigid steel unit. The carbon cells are easily removed and changed via the front access door. Replacement cells are readily available from EMCEL Filters.



Typical Slimline Unit



Carbon Cells in V-Formation Access Door

Applications include:

**Airports, Factories
Hospitals, Hotels
HVAC Systems
Laboratories, Offices
Restaurants**

Disposable Slimline:

This option offers a competitively priced unit featuring Emcel activated carbon cells sealed within a galvanised housing and is completely disposable.



Multi-Bank Options: In applications where increased efficiency or large airflows need accommodating, multi-bank options are available.

All Slimline units are available with an impregnated carbon for the enhanced removal of specific odours, vapours and gases.



The unique, EMCEL patented honeycomb filter cell design prevents the formation of voids and gaps caused by settlement of the carbon granules in the airstream. Prolonged contact time between airflow and carbon enhances the retention capability of the filter, and the robust cell design, which enables a high weight of activated carbon to be used, further maximises carbon cell life. The EMCEL Technical Sales Team will be pleased to advise on individual Slimline applications or any air filtration requirements.

Performance data for standard Slimlines	
Dwell Time	Approx. 0.05-0.07 Secs
Size	595 x 595 x 200 mm
Rated Airflow	Approx. 0.5m ³ /sec (1000 cfm)
Weight	Approx. 35 kg
Efficiency	Approx. 60-65% Removal

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