

PRODUCT DATA SHEET

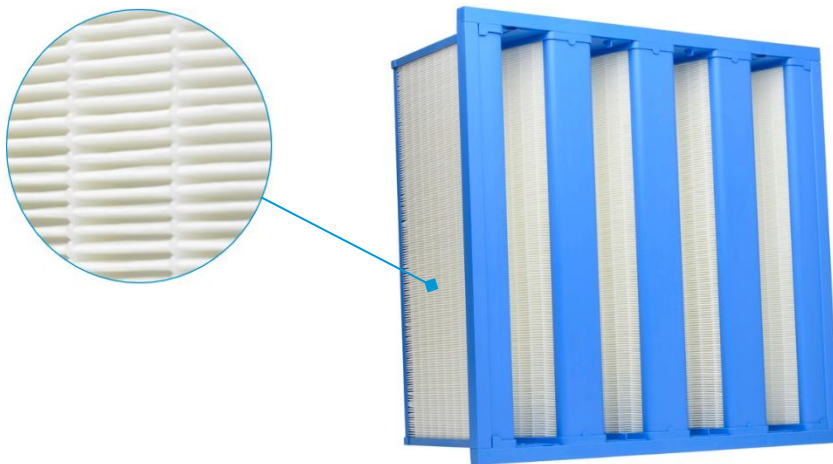
# WESTLIFE ePM1 85% F9 RIGID FILTER

## APPLICATIONS

The WestLife ePM1 85% F9 Filter is designed for use in ventilation systems where a high standard of protection, combined with optimum energy efficiency of HVAC systems is of paramount importance. Often used as part of a multi-stage filtration system, this range of filters is commonly applied in environments where consistency of performance cannot be compromised and highly effective protection of building occupants, critical processes & other ventilation system components, alongside outstanding filter service life is desired.

## CONSTRUCTION

Several pleat-packs form the basis of the filter design, and these are packaged into a lightweight, yet robust frame. The filter media itself is manufactured to exacting standards and uses a mini-pleated construction, whereby separators allow a huge surface area to be presented to airflow, without compromising on dust-holding capacity. This allows for high air volumes to be filtered at a consistent efficiency and a much-reduced resistance to flow. This design can deliver significant energy savings owing to the reduction in power needed to push air through the system. Where higher volumes of delivered air are to be prioritized, this can also be achieved without exceeding the rated filter capacity.



- ePM1 85% (ISO16890) / F9 EFFICIENCY (EN779:2012)
- HIGHLY ENERGY-EFFICIENT
- OPTIMISED FILTER DESIGN
- CONSISTENT MECHANICAL FILTRATION PERFORMANCE
- EXTENDED SERVICE LIFE
- MADE IN BRITAIN

Face size (mm)	Rated volume (m <sup>3</sup> /hr)	Efficiency (ISO16890)	Efficiency (EN779:2012)	Initial resistance (Pa)	Final resistance (Pa)	Max. humidity (% RH)	Max. temperature (°C)
592 x 592	3400	ePM1 85%	F9	123	300	100	80
592 x 492	2720	ePM1 85%	F9	123	300	100	80
592 x 287	1700	ePM1 85%	F9	123	300	100	80