

PRODUCT DATA SHEET

LGP30 HIGH CAPACITY PLEATED PANEL PRE-FILTER

APPLICATIONS

The LGP30 high capacity pleated panel filter is designed for use as a pre-filter for protection of secondary filters and/or other key system components. These filters are commonly found as pre-filters where optimum filter performance and longevity are key requirements. The product is particularly suitable where significant reductions in energy usage are required.

CONSTRUCTION

Standard construction consists of a robust, water-resistant card frame into which a core of pleated non-hygroscopic and hydrophobic pleated filter media is bonded. Closer pleat spacing ensures a large filtration surface area, designed to deliver very low resistance to air flow, increased dust-holding capacity, and low energy usage. The filter media is manufactured with a graded fibre density to ensure optimum and even dust retention and features a thermally bonded steel support mesh for even pleat spacing and maximum stability in use. The aero-dynamic pleated design ensures a low resistance to air flow.

Galvanised steel outer frame construction is also available for applications in which humidity or moisture precludes card cased filters.



- ePM COARSE 60-70% (ISO16890)
- G4 (EN779:2012)
- CONSISTENTLY VERY LOW DIFFERENTIAL PRESSURE
- CARD OR GALVANISED STEEL CASE
- HIGH EFFICIENCY VERSIONS AVAILABLE
- EXTENDED LIFE & ROBUST CONSTRUCTION
- STANDARD & BESPOKE SIZES
- MADE IN BRITAIN

Nominal depth (mm)	Rated face velocity (m/sec)	Efficiency (ISO16890)	Efficiency (EN779:2012)	Initial resistance (Pa)	Final resistance (Pa)	Max. humidity (% RH)	Max. temperature (°C)
25	1.7	Coarse 60-70%	G4	35	250	80	80
45	2.5	Coarse 60-70%	G4	52	250	80	80
97	2.8	Coarse 60-70%	G4	85	250	80	80