

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 increased dust holding capacity and lower energy use. The filter media is manufactured with a graduated 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 aerodynamic pleated design ensures low resistance to airflow.

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



- ISO COARSE 65% / ePM10 >50% (ISO16890)
- G4 (EN779:2012)
- CARD OR GALVANISED STEEL CASE
- 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 65%	G4	35	250	80	80
45	2.5	Coarse 65%	G4	52	250	80	80
97	2.8	Coarse 65%	G4	85	250	80	80
45	2.0	ePM10 80%	M6	75	250	80	80