
Airefil G3 Bag Filters



- **Ideal low pressure pre-filter**
- **Ideal for high humidity conditions**
- **Synthetic media**
- **Extended surface - high capacity**

G3 Bag Performance Data

Product Code	W × H × D (mm)	Pockets	Media Area (M ²)	Capacity (L/s)			Pressure Drop (Pa)		
F11434	287 × 592 × 560	3	2.23	361	472	597	40	52	78
F11433	592 × 592 × 560	6	3.9	722	944	1194	40	52	78
F11424	287 × 592 × 380	3	1.5	361	472	597	50	65	98
F11423	592 × 592 × 380	6	3.1	722	944	1194	50	65	98

STANDARD HEADERS are 20 mm galvanised steel. Stainless steel headers are optional. Recommended final resistance for all G3 Bag Filters is 250 Pa.

Description

Airefil G3 Bag Filters are extended surface, high capacity bag filters made from synthetic fibres. Being synthetic, they are not prone to loss of efficiency and shedding of glass fibres in high humidity conditions. The filters are rated at 70°C, 100% RH. They have efficiencies of G3 to EN 779, or 88%+ to ASHRAE 52/76 Gravimetric Average Dust Spot Efficiency=32.5%.

Airefil G3 Bag Filters are ideal pre-filters, or for collecting coarse particles in industrial environments.

Quality Construction

Filter media is non-woven multiple layered synthetic microfibre designed for strength, durability and elimination of fibre shedding.

The media is stitched into V-shaped pockets designed to fully inflate and maintain proper spacing between adjacent pockets to allow clean air to exit freely. Micro-computer controlled automatic sewing machines are used for consistent stitching and uniform pocket shape. Each stitch is sealed with a special adhesive to prevent leakage and media shedding.

The pockets are bonded to the corrosion-resistant header frame. All media is glued to metal contact points to ensure product integrity and metal to metal contact is eliminated to prevent air leakage.

Mounting

Options include:

Airefil Filter Frames for front access

PAPWORTH ENGINEERING Side Access Filter Housings.



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Related Products:

Airefil Extended Surface Bag Filters
Airefil Disposable Pleated PRE Filters
Airefil Holding Frames
PAPWORTH ENGINEERING Filter Housings

Data Sheets:

E54110
E54111
E54134
E54146