

FILTER FRAMES

Information & Spec Sheet



DESIGN

Filter Frames designed to sit into the inlet or outlet airstream. Offering G2 to G4 protection to match the customers requirements, Designed for side access.

These high quality disposable filters consist of cardboard frames and lattice facings. The non-woven filtration medium is bonded to coarse mesh supports then pleated to give an extended face area and minimise resistance.

The pleated pack is then encased within the disposable cardboard frame.

FEATURES

- Pre-Galvanised M.S Constructed
- Robust Construction
- 2 Year warranty from date of despatch
- Easily Source Filters
- Can be Designed to Match any Aperture

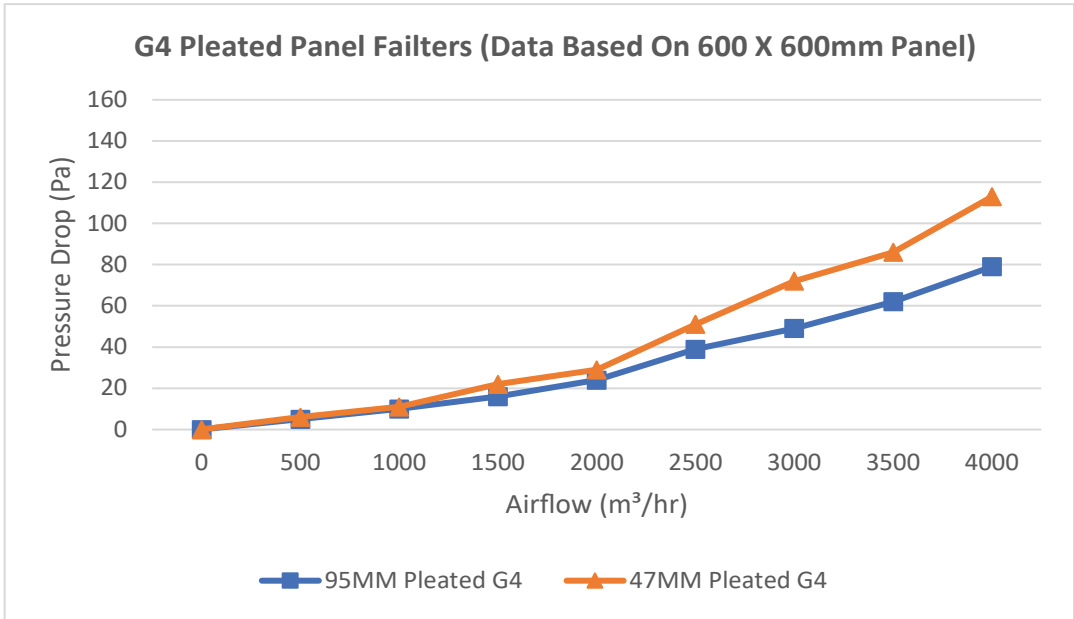


All Engineered Air Treatment Damper designs have been tried and tested for over 35 years.

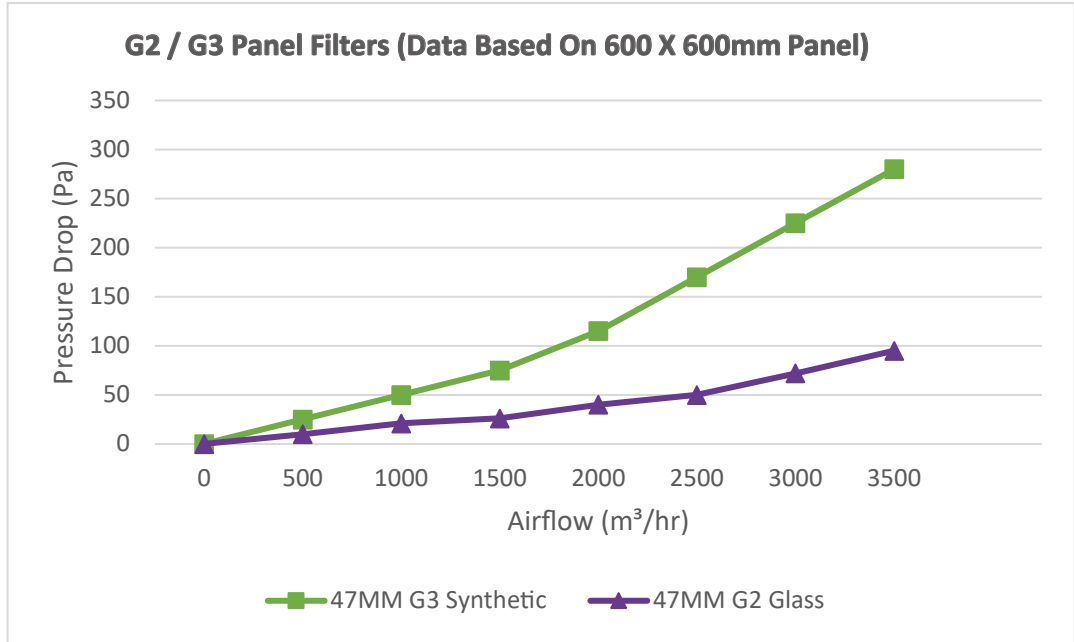
All materials used are class 'A' Fully traceable as part of ISO 9001



PERFORMANCE DATA




High quality disposable filters consist of cardboard frames and lattice facings. The medium is graduated spun glass or synthetic, depending on efficiency requirements. The media is then encased within a cardboard frame.




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We have experience of supplying dampers from -20°C to +100°C



We would assume 15kg's a square meter for estimations



See performance Data graph



See Base Dimensions

OPTIONAL EXTRAS

Pressure switch to signal which filters needs to be replaced.

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Differential pressure switch

For monitoring overpressure, vacuum and differential pressure of air or other non-combustible, non-aggressive gases for both HVAC and energy management applications. Automatic reset and field adjustable setpoints and switching hysteresis.

Technical data sheet

01APS-1..



Type Overview

Type	Measuring range diff. pressure	Repeating accuracy	Switching differential [pressure]	Burst pressure
01APS-10R	20...300 Pa	±5%, min. ±5 Pa	10 Pa	10 kPa
01APS-10U	50...500 Pa	±2.5%, min. ±5 Pa	20 Pa	10 kPa
01APS-101	200...1000 Pa	±1%, min. ±5 Pa	100 Pa	10 kPa
01APS-104	500...2500 Pa	±1%, min. ±5 Pa	150 Pa	10 kPa

Technical Data

Electrical data	Electrical connection	Terminals for wire 0.5...1.5 mm ²
	Cable entry	Cable gland with strain relief Ø5...10 mm
Functional data	Output signal switch note	Contact current max. 1.0 A (0.4) / AC 250 V
	Application	Air
Measuring data	Measuring values	Differential pressure
	Measuring fluid	Air, non-combustible and non-aggressive gases
Materials	Housing	Bottom Part: PA 6.6 Top Cover: PS
Safety data	Ambient humidity	Max. 95% r.H., non-condensing
	Ambient temperature	-20...85°C [-5...185°F]
	Fluid temperature	-20...85°C [-5...185°F]
	Storage temperature	-40...85°C [-40...185°F]
	EU Conformity	CE Marking
	Certification IEC/EN	IEC/EN 60730-1
	Degree of protection IEC/EN	IP54
Degree of protection NEMA/UL	NEMA 13	
Quality Standard	ISO 9001	

OTHER FIXING METHODS



Combination with Motorised Damper



ADDITIONAL DAMPER INFORMATION

Engineered Air Treatment Ltd. Pride themselves on solving Damper issues and due to the many options available we would recommend contacting our sales team who would also assist where possible.



Engineered Air Treatment are proud of our quality record which allows us to have complete confidence in the products we offer. We adhere to our ISO9001 accreditation and install these values into our valuable employees. This confidence allows us to offer a 2 year warranty with all our products.

We also have complete traceability and files over 20 years old to look back on. We are a can do company.