
Airefil VGM/1 & VGM/2 Flameproof Filter Panels



- **High temperature rating**
- **Long life**
- **Robust construction**
- **Washable**
- **Operates at high velocities**
- **Low pressure loss**
- **Corrugated support grid both sides of mesh.**

Construction

Airefil VGM/1 Flameproof Panel Filters are washable panels, consisting of a washable, high temperature rated synthetic media sandwiched between welded galvanised steel wire mesh. The structure is corrugated to increase surface area and retained in a galvanised steel channel frame to provide rigidity. The VGM/2 consists of two corrugated wire-media-wire assemblies at 90° to each other, retained in a 45mm galvanised steel channel frame. Stainless steel construction is also available.

Applications

Airefil VGM/1 and VGM/2 Flameproof Panel Filters are designed to protect important equipment wherever high dust loading, high temperature rating and long filter life is essential. The resistance to air temperatures up to 500°C means these filters can be used in high temperature intake systems and for protection of hot coils from dust.

Cleaning

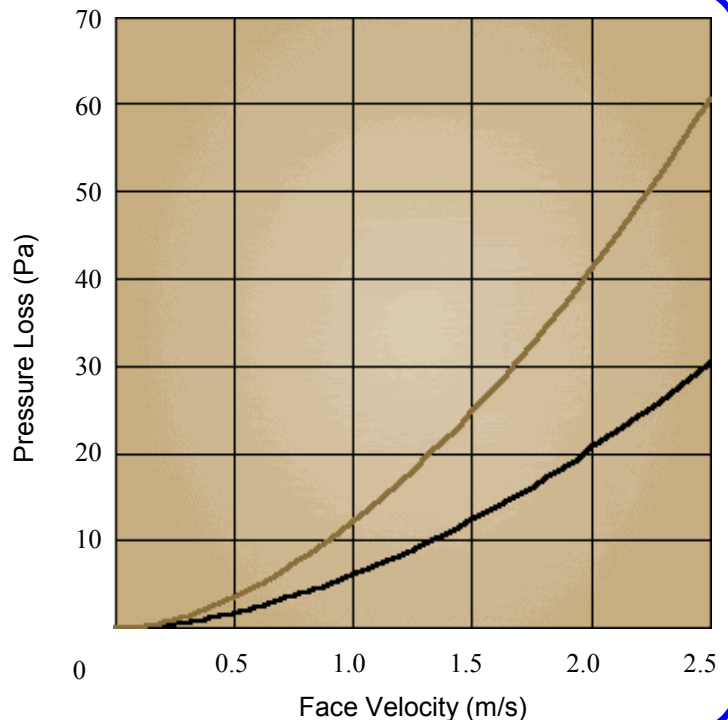
The VGM/1 and VGM/2 Filters are easily washable — up to 200 times! If the dust loading is dry, the filters may be vacuumed (or blown) clean. Otherwise, they should be cleaned with low pressure cold water. Grease deposits on the frames should be cleaned with **Airefil** filter cleaning fluid. Note that use of high-pressure air or water may damage the filter element and should not be used.

Physical and Performance ratings

Filter Standard Sizes	VGM / 1		VGM / 2	
	Airflow (m ³ /hr)	Pressure Loss (Pa)	Airflow (m ³ /hr)	Pressure Loss (Pa)
595 mm x 595 mm	1000	5	1000	10
	2000	17	2000	34
	3000	35	3000	70
297 mm x 595 mm	500	6	500	12
	1000	20	1000	39
	1500	40	1500	80
495 mm x 495 mm	750	6	750	12
	1500	21	1500	41
	2250	42	2250	84
Special sizes made to order				

Performance

	VGM / 1	VGM / 2
Thickness	22 mm	45 mm
Efficiency at 5 microns	68%	79%
ASHRAE Gerimetric	58%	68%
EN779	G1	G2



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Related Products:

Airefil GT2 Filter/Coalescer Panel
Airefil AFP Filter Panel
Airefil Washable Filter Panels
Airefil VPP Industrial Filter Panels

Data Sheets:

[E54126](#)
[E54129](#)
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