

Pad Frames

For G2 to M5 Media to EN779



Application

The Pad Frame Filter is ideal in most applications where frequent replacement of filters is necessary, providing an inexpensive solution to that requirement.

Construction

The Pad Frame Filter is available in Galvanised or Stainless Steel, Galvanised being the most popular. Mitred joints ensure physical stability and accuracy to the finished product. A rigid grid on the downstream side of the filter stops the pad being taken down stream. A hinged face clip can be added to the air on face which is simply unclipped to enable replacement of the media pad.

Fold flat handles can also be fitted as an optional extra if required.

Available in a range of standard sizes and also produced to almost any practical size. Various depths available. Available in both standard & non-standard sizes.

Description

The Pad Holding Frame is ideal for reducing filter costs where disposable panel filters are normally used. The pad holding frame retains a disposable media pad (either glass fibre or synthetic media) or a washable media (reticulated polyurethane foam). This type of system removes the need to dispose of the whole filter when only the core element of the filter needs to be disposed of, thus providing the most economic solutions in terms of storage, handling and disposal.

Technical Information

Glass Fibre Media				Synthetic Media				Polyurethane Foam			
Specification	Thickness mm			Specification	Thickness mm			Specification	Thickness mm		
	12	24	47		12	24	47		12	24	47
EN 779	G2	G3	G4	EN 779	G3	G3	G4	EN 779	G2	G2	G3
Initial Pressure Loss (Pa)	45	48	50	Initial Pressure Loss (Pa)	25	58	73	Initial Pressure Loss (Pa)	12	63	80
Final Recommended Pressure Loss (Pa)	125	125	150	Final Recommended Pressure Loss (Pa)	150	400	400	Final Recommended Pressure Loss (Pa)	150	400	400
Average Synthetic Dust Weight Arrestance (%)	75	80	88	Average Synthetic Dust Weight Arrestance (%)	52	86	93	Average Synthetic Dust Weight Arrestance (%)	70	79	83
Dust Holding Capacity (g/m ²)	650	750	850	Dust Holding Capacity (g/m ²)	360	550	900	Dust Holding Capacity (g/m ²)	150	330	670

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