



ACE Filtration

CLEAN AIR FOR ALL

TECHNICAL DATA SHEET: AF127

PAD AND FRAME SYSTEM

TYPE PFAG (GLASS FIBRE) & TYPE PFAS (SYNTHETIC MEDIA)

Construction

Media: (Glass) Progressive density bonded and coated continuous spun glass filaments.
(Synthetic) Non-woven thermally bonded high loft synthetic media.

Frame & Facia: Galvanised sheet steel channel frame. Galvanised 1/2" x 1/2" welded mesh facia on clean air side. Hinged steel wire retaining clip on air dirty air side.

Technical Data (Based on 50mm panels)

	Glass Fibre Panels	Synthetic Panels
Maximum Temperature	90°C	90°C
Maximum Humidity:	100%	100%
Rated Volume:	Based on 2 m/s face velocity	Based on 1.5 m/s face velocity
Maximum Volume:	2.5 m/s face velocity	2.3 m/s face velocity
Initial Resistance:	32 Pa	100 Pa
Final Resistance:	150 Pa	200 Pa
BS EN 779 Classification:	G3	G3

Standard Sizes & Rated Volumes

Nominal Size	Rated Volume		Initial Resistance	
	AG	AS	AG	AS
600 x 600 x 50	0.72 m³/s	0.54 m³/s	32 Pa	100 Pa
600 x 300 x 50	0.36 m³/s	0.27 m³/s	32 Pa	100 Pa
500 x 500 x 50	0.50 m³/s	0.38 m³/s	32 Pa	100 Pa

Servicing

Filters should be changed when the final resistance is reached. These filters are only as efficient as the installation. Please check that all holding frame seals are intact and replace as necessary.

Notes: Non-standard sizes are available. For specific performance data, please contact the Sales Office on 01474 325666