

ACE FILTRATION LTD

TECHNICAL DATA SHEET: AF100

DISPOSABLE PANEL FILTERS

TYPE AG (GLASS FIBRE) & TYPE AS (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: Frame and facia are manufactured from AquaKote cardboard 530 g/m², with diamond lattice facia. Frames are glued together with grade J2013 adhesive.

Technical Data (Based on 50mm panels)

	Glass Fibre Panels	Synthetic Panels
Maximum Temperature:	90°C	90°C
Maximum Humidity:	80%	80%
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 m ³ /s	0.54 m ³ /s	32 Pa	100 Pa
600 x 300 x 50	0.36 m ³ /s	0.27 m ³ /s	32 Pa	100 Pa
500 x 500 x 50	0.50 m ³ /s	0.38 m ³ /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