



ACE Filtration

CLEAN AIR FOR ALL

TECHNICAL DATA SHEET: AF101a/AP5/AP7

DISPOSABLE PLEATED PANEL FILTERS

TYPE AP5 & AP7

Construction

Media: Non-woven fibres manufactured to give high dust holding capacity. The media is bonded to an expanded metal support grid.

Frame & Facia: Frame and facia are manufactured from AquaKote cardboard 490 g/m², with diamond lattice facia. Frames are glued together with grade J2013 adhesive.

Technical Data (Based on 50mm panels)

	Type AP5	Type AP7
Maximum Temperature:	100°C	100°C
Maximum Humidity:	80%	80%
Rated Volume:	Based on 2 m/s face velocity	Based on 1 m/s face velocity
Maximum Volume:	1 m/s face velocity	1 m/s face velocity
Initial Resistance:	50mm panels 60 Pa 100mm panels 95 Pa	50mm panels 95 Pa 100mm panels 130 Pa
Final Resistance:	250 Pa	
BS EN 779 2002:	M5 (AP5) & F7 (AP7)	

Standard Sizes & Rated Volumes

Nominal Size	Rated Volume		Initial Resistance	
	AP5	AP7	AP5	AP7
600 x 600 x 50	0.72 m ³ /s	0.36 m ³ /s	60 Pa	95 Pa
600 x 300 x 50	0.36 m ³ /s	0.18 m ³ /s	60 Pa	95 Pa
500 x 500 x 50	0.50 m ³ /s	0.50 m ³ /s	60 Pa	95 Pa
600 x 600 x 100	0.94 m ³ /s	0.72 m ³ /s	95 Pa	130 Pa
600 x 300 x 100	0.46 m ³ /s	0.36 m ³ /s	95 Pa	130 Pa
500 x 500 x 100	0.66 m ³ /s	1.00 m ³ /s	95 Pa	130 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