

ACE FILTRATION LTD

TECHNICAL DATA SHEET: AF105

RIGID PLEATED PANEL FILTERS

TYPE ARP6, ARP7, ARP8 & ARP9

Construction

Media: Polypropylene media, formed into compact pleats with extruded polypropylene spacers. Spacers are colour coded to indicate filter efficiency. Media achieves Class 1 fire rating.

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.

Alternative frames manufactured from Galvanised sheet steel are available to special order. Facia manufactured from 12 x 12 weldmesh.

Technical Data

Maximum Temperature: 100°C
Maximum Humidity: 80%
Rated Volume: 50mm panels 0.47 m³/s
100mm panels 0.94 m³/s
Final Resistance: 50mm panels 350 Pa
100mm panels 380 Pa
BS EN 779 Classification: F6 (ARP6), F7 (ARP7), F8 (ARP8) & F9 (ARP9)

Standard Sizes & Rated Volumes

Nominal Size	Rated Volume	Initial Resistance (Pa)			
		F6	F7	F8	F9
600 x 600 x 50	0.47 m ³ /s	25	38	63	78
600 x 600 x 100	0.94 m ³ /s	87	111	151	169

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 up to a maximum face size of 600 x 600 nominal. For specific performance data, please contact the Sales Office on 01474 325666