



# ACE Filtration

## CLEAN AIR FOR ALL

### TECHNICAL DATA SHEET: AF105

#### RIGID PLEATED PANEL FILTERS

#### TYPE ARP6, ARP7, ARP8 & ARP9

#### Construction

**Media:** 100% polypropylene media - formed into compact pleats with EVA hot melt separators. Media achieves Class 1 fire rating DIN53438

**Frame & Facia:** Frame and facia are manufactured from AquaKote cardboard 490 g/m<sup>2</sup>, with diamond lattice facia. Frames are glued together with grade J2013 adhesive.

**Options:** Galvanised or Stainless steel frame, weld mesh facia on air off face.

#### Technical Data

**Maximum Temperature:** 100°C  
**Maximum Humidity:** 80%  
**Rated Volume:** 50mm panels 0.47 m<sup>3</sup>/s  
100mm panels 0.94 m<sup>3</sup>/s  
**Final Resistance:** 50mm panels 350 Pa  
100mm panels 380 Pa

**BS EN 779 2012 Classification:** M6 (ARP6), F7 (ARP7), F8 (ARP8) & F9 (ARP9)  
**ISO 16890 Classification** ePM10 70% (ARP6), ePM2.5 65% (ARP7)  
ePM1 70% (ARP8) & ePM1 80% (ARP9)

#### Standard Sizes & Rated Volumes

Nominal Size	Rated Volume	Initial Resistance (Pa)			
		M6	F7	F8	F9
600 x 600 x 50	0.47 m <sup>3</sup> /s	25	38	63	78
600 x 600 x 100	0.94 m <sup>3</sup> /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