

# ACE FILTRATION LTD

## TECHNICAL DATA SHEET: AF103

### HIGH EFFICIENCY BAG FILTERS

#### TYPE AB45 & AB65

#### Construction

**Media:** The synthetic non-woven media is a mixture of coarse and fine fine fibres lofted into a 3-dimensional structure. This is laid on flame retardant, rupture-proof backing to eliminate fibre migration. Individual pockets are parallel stitched to maintain optimum media spacing whilst the application of hot melt adhesive to each stitch hole prevent air leakage.

**Support Frame:** Pockets supported on frame constructed from 4mm diameter copper coated mild steel wire.

**Header Frame:** Galvanised outer frame 20mm deep. Other frame depths available.

#### Technical Data

**Maximum Temperature:** 100°C  
**Maximum Humidity:** 100%  
**Rated Volume:** See table  
**Maximum Volume:** To 25% above rated volume  
**BS EN 779 Classification:** F5 (AB45) & F6 (AB65)

#### Standard Sizes & Rated Volumes

Nominal Size	Rated Volume	Initial Resistance	
		AB45	AB65
600 x 600 x 381	0.66 m <sup>3</sup> /s	40 Pa	46 Pa
600 x 600 x 508	0.94 m <sup>3</sup> /s	62 Pa	78 Pa
600 x 600 x 635	1.12 m <sup>3</sup> /s	75 Pa	82 Pa

Performance data based on 8 pocket filter

#### Servicing

Filters should be changed when the resistance has reached 250 Pa (Final resistance). 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