

# AIRCLEAN

YOUR AIR FILTER MANUFACTURER

P.O. BOX 147,  
MAIDSTONE, ME14 2LA.

TEL:01622 832777  
FAX:01622 832507

sales@airclean.co.uk www.airclean.co.uk

## High Performance Pleated Panel Filters (F6, F7 and F8 to EN779)

### Applications

The High Performance Pleated Panel is a disposable filter that has capabilities of offering the higher grades of filter efficiency, where a typical bag filter is not practical due to size, access or orientation.

Offered as standard in 4" (97mm) cardboard frames these rigid filters can be supplied in F6, F7 or F8 Grades to EN779.

Pre filtration in the form of a Glass Fibre Panel Filter, or a Low Grade Pleated Panel Filter (G3/G4) are recommended to extend and maintain the life of this air filter.



### Construction

Pleated filters consist of a dry non-woven fabric media, pleated to give an extended surface area, producing a low initial resistance for the same air volume.

The pleated assembly is contained within either a rigid all cardboard casing, or a cardboard frame with perforated cap-punch retaining grids.

### Technical

**Filter Classification:**

Available Grades to EN779 — F6, F7 and F8  
100°C (212°F)

**Maximum operating temperature:**

SIZE	SIZE	Flow Rate	Clean Pressure Drops		
OT Inches	Actual mm	m3/s	F6 to EN779	F7 to EN779	F8 to EN779
10 x 10	242 x 242 x 97	0.18	80Pa	100Pa	140Pa
12 x 12	289 x 289 x 97	0.25	80Pa	100Pa	140Pa
15 x 15	369 x 369 x 97	0.41	80Pa	100Pa	140Pa
18 x 18	445 x 445 x 97	0.60	80Pa	100Pa	140Pa
20 x 10	495 x 242 x 97	0.36	80Pa	100Pa	140Pa
20 x 16	495 x 394 x 97	0.58	80Pa	100Pa	140Pa
20 x 20	495 x 495 x 97	0.73	80Pa	100Pa	140Pa
25 x 16	620 x 394 x 97	0.72	80Pa	100Pa	140Pa
25 x 20	620 x 495 x 97	0.91	80Pa	100Pa	140Pa
24 x 12	594 x 289 x 97	0.51	80Pa	100Pa	140Pa
24 x 20	594 x 495 x 97	0.87	80Pa	100Pa	140Pa
24 x 24	594 x 594 x 97	1.05	80Pa	100Pa	140Pa