

# HEF PLEATED PANEL FILTERS

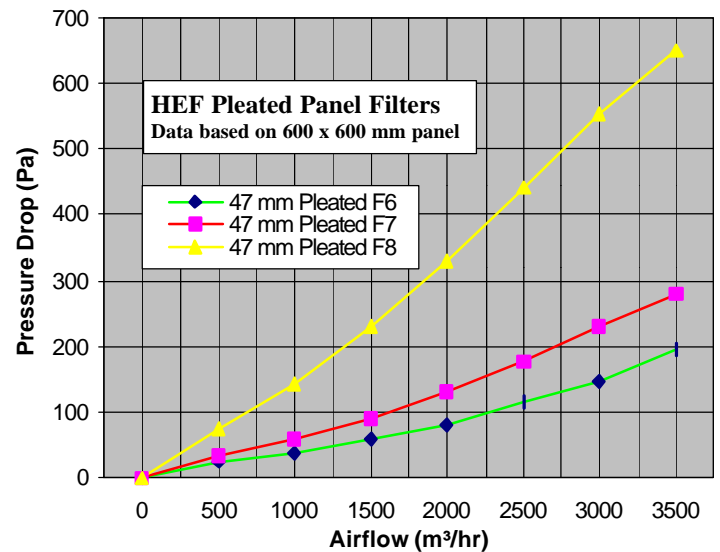
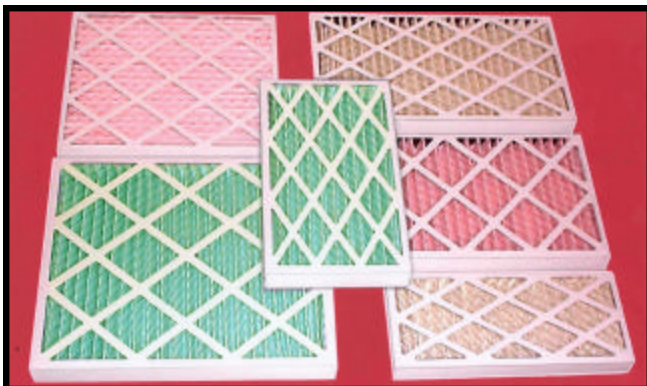


F6, F7, F8 Fine Efficiency ventilation filters suitable for critical HVAC applications

These high efficiency disposable filters consist of cardboard frames and lattice card facings. The synthetic filtration medium is bonded to coarse mesh supports then pleated to give an extended face area and minimise resistance. The pleated pack is then encased within the disposable cardboard frame.

Filter Class	F6 (dust spot efficiency 60<80%)	F7 (dust spot efficiency 80<90%)	F8 (dust spot efficiency 90<95%)
Operating Temp.	Maximum 80 °C	Maximum 80 °C	Maximum 80 °C
Operating Humidity	Maximum RH 100%	Maximum RH 100%	Maximum RH 100%
Initial Resistance	110 Pa approx at rated face velocity	175 Pa approx at rated face velocity	450 Pa approx at rated face velocity
Final Recommended	+ 125 Pa on initial for 47 mm thickness	+ 125 Pa on initial for 47 mm thickness	+ 125 Pa on initial for 47 mm thickness

With computerised in-house production facilities, EMCEL can manufacture HEF panel filters to any non-standard dimensions.



Rated airflows for HEF (F6, F7, F8) Pleated Panels are based on the following face velocity:  
47 mm: 2.0 m/sec  
95 mm thickness is also available

Nom Size (Inches)	Actual Size (mm)	Rated Air Volume (m³/hr)			Rated Air Volume (CFM)		
		F6	F7	F8	F6	F7	F8
10 x 10	250 x 250	450	450	450	265	265	265
12 x 12	300 x 300	650	650	650	380	380	380
15 x 15	375 x 375	1010	1010	1010	600	600	600
16 x 20	400 x 500	1440	1440	1440	850	850	850
20 x 10	500 x 250	900	900	900	530	530	530
20 x 15	500 x 375	1350	1350	1350	800	800	800
20 x 16	500 x 400	1440	1440	1440	850	850	850
20 x 18	500 x 450	1620	1620	1620	950	950	950
20 x 20	500 x 500	1800	1800	1800	1060	1060	1060
20 x 25	500 x 630	2260	2260	2260	1340	1340	1340
24 x 12	595 x 300	1280	1280	1280	760	760	760
24 x 20	595 x 500	2150	2150	2150	1260	1260	1260
24 x 24	600 x 600	2600	2600	2600	1530	1530	1530
24 x 24	595 x 595	2550	2550	2550	1500	1500	1500
25 x 16	630 x 400	1800	1800	1800	1070	1070	1070

## EMCEL FILTERS LIMITED

Blatchford Road, Horsham, West Sussex, RH13 5RA, United Kingdom

Tel: (01403) 253215 Fax: (01403) 217011

www.emcelfilters.co.uk E-mail: panels@emcelfilters.co.uk



Certificate No. FM 24138