

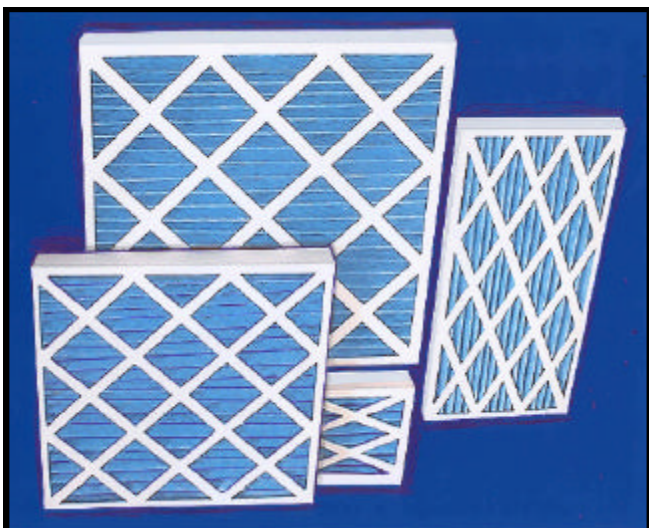
G4 PLEATED PANEL FILTERS

Medium efficiency pleated filters incorporating extended area media packs, suitable for HVAC applications

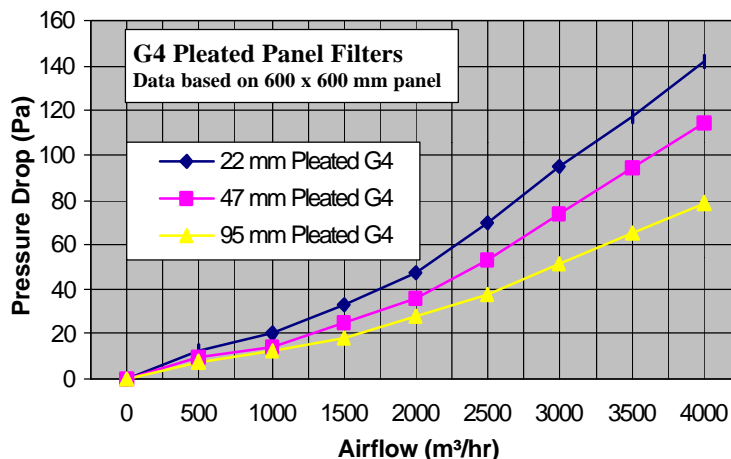


These high quality disposable filters consist of cardboard frames and lattice facings. The non-woven filtration medium is bonded to coarse mesh supports then pleated to give an extended face area and minimise resistance. The pleated pack is then encased within the disposable cardboard frame.

With computerised in-house production facilities, EMCEL can manufacture G4 pleated filters to any non-standard dimensions.



Filter Classification: G4 (arrestance > 90%)
Operating Temp.: Maximum 80 °C
Operating Humidity: Maximum RH 100%
Initial Resistance: 75 Pa approx. at rated face velocity
Final Recommended: +100 Pa on initial for 22 mm
+125 Pa on initial for 47 mm
+150 Pa on initial for 95 mm



Rated airflows for G4 Pleated Panels are based on the following face velocities:

22 mm: 2.0 m/s

47 mm: 2.5 m/s

95 mm: 3.0 m/s

Nom Size (Inches) Height x Width	Actual Size (mm) Height x Width	Rated Air Volume (m³/hr)			Rated Air Volume (CFM)		
		22 mm	47 mm	95 mm	1 inch	2 inch	4 inch
10 x 10	250 x 250	450	560	675	265	330	400
12 x 12	300 x 300	650	810	970	380	480	570
15 x 15	375 x 375	1010	1270	1520	600	750	890
16 x 20	400 x 500	1440	1800	2160	850	1060	1270
18 x 18	450 x 450	1440	1800	2160	850	1060	1270
19 x 16	480 x 400	1380	1730	2070	810	1020	1220
19 x 18	480 x 450	1550	1950	2330	910	1150	1370
20 x 10	500 x 250	900	1130	1350	530	660	795
20 x 15	500 x 375	1350	1690	2025	800	990	1190
20 x 16	500 x 400	1440	1800	2160	850	1060	1270
20 x 18	500 x 450	1620	2030	2430	950	1190	1430
20 x 20	500 x 500	1800	2250	2700	1060	1320	1590
20 x 25	500 x 630	2260	2840	3400	1340	1670	2000
24 x 12	595 x 300	1280	1610	1930	760	950	1135
24 x 20	595 x 500	2150	2680	3210	1260	1580	1900
24 x 24	600 x 600	2600	3240	3890	1530	1910	2290
24 x 24	595 x 595	2550	3200	3820	1500	1880	2250
25 x 16	630 x 400	1800	2270	2720	1070	1340	1600

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Certificate No. FM 24138