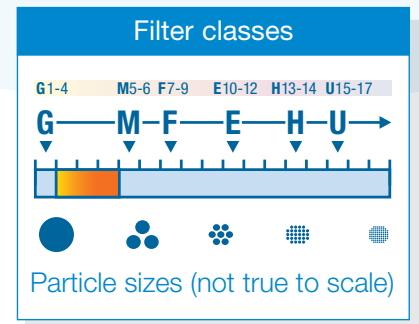




Carbon Fresh Pleats Panel Filters

G4 Tested according to EN 779:2012



Lightweight and robust, our Carbon Fresh Pleats are designed to remove odours and gaseous pollutants coupled with dust and dirt from the atmosphere, to greatly improve Indoor Air Quality (IAQ).

Available in wide range of sizes and a choice of card or metal frames, Carbon Fresh Pleats are used in a variety of applications including city centre offices, food production, healthcare and hospitality, where a reduction in odours or fume adsorption is required.

Eliminate unpleasant smells and gases with our Carbon Fresh Pleats.

THE KEY BENEFITS

- 1 Odour Removal**
Impregnated with carbon particles, Carbon Fresh Pleats absorb low level gaseous contaminants to remove unpleasant odours greatly improving IAQ.
- 2 Cost Effective**
With a 98% filter surface area and uniformed pleat configuration, Carbon Fresh Pleats deliver high dust holding capacity for optimum filtration together with efficient odour removal.
- 3 Flexible**
Available in a choice of frame types, depths and sizes they can be used as a direct replacement for existing panel filters with no need for expensive modifications.



Air conditioning & ventilation technology



Painting & drying technology



Carbon Fresh Pleats Panel Filters

APPLICATIONS

- Offices
- Hotels and hospitality
- Healthcare
- Food production

VERSIONS

- Frame types:
 - Card
 - Galvanised steel
- Frame Depths: 22mm, 47mm and 96mm

CLASSIFICATION

- Filter class G4

MATERIAL CHARACTERISTICS

- Tested according to EN 779:2012
- Arrestance > 90%
- Relative humidity 80%
- Operating temperature 80°C

1 Inch/22mm Carbon Fresh Pleats								
Part Number	Nominal Face Size (Inches)	Nominal Depth (Inches)	Actual Face Size (mm)	Actual Depth (mm)	Capacity M3/S		Resistance in Pascals	
					Standard	High	Standard	High
CP4-241	12x24	1	292x595	22	0.28	0.41	50	65
CP4-701	15x20	1	370x496	22	0.30	0.61	50	65
CP4-101	16x20	1	394x496	22	0.31	0.45	50	65
CP4-001	20x20	1	496x496	22	0.40	0.57	50	65
CP4-651	16x25	1	394x621	22	0.40	0.57	50	65
CP4-051	20x25	1	496x621	22	0.50	0.71	50	65
CP4-041	20x24x1	1	496x595	22	0.47	0.69	50	65
CP4-441	24x24	1	595x595	22	0.57	0.80	50	65

Standard Capacity 14 Pleats Per Linear Foot - Arrestance 92%; Recommended Final Arrestance 150 Pascals

Carbon Impregnated Fresh Pleat Panel Filters

2 Inch/47mm Carbon Fresh Pleats								
Part Number	Nominal Face Size (Inches)	Nominal Depth (Inches)	Actual Face Size (mm)	Actual Depth (mm)	Capacity M3/S		Resistance in Pascals	
					Standard	High	Standard	High
CP4-242	12x24	2	292x595	47	0.28	0.41	45	70
CP4-702	15x20	2	370x496	47	0.30	0.61	45	70
CP4-602	16x20	2	394x496	47	0.31	0.45	45	70
CP4-002	20x20	2	496x496	47	0.40	0.57	45	70
CP4-652	16x25	2	394x621	47	0.40	0.57	45	70
CP4-052	20x25	2	496x621	47	0.50	0.71	45	70
CP4-042	20x24	2	496x595	47	0.47	0.69	45	70
CP4-442	24x24	2	595x595	47	0.57	0.80	45	70

Standard Capacity 10 Pleats Per Linear Foot - Arrestance 92%; Recommended Final Arrestance 150 Pascals



Carbon Fresh Pleats Panel Filters

4 Inch/95mm Carbon Fresh Pleats								
Part Number	Nominal Face Size (Inches)	Nominal Depth (Inches)	Actual Face Size (mm)	Actual Depth (mm)	Capacity M3/S		Resistance in Pascals	
					Standard	High	Standard	High
CP4-244	12x24	4	292x595	95	0.47	0.59	60	80
CP4-004	16x20	4	394x496	95	0.52	0.66	60	80
CP4-654	20x20	4	496x496	95	0.66	0.83	60	80
CP4-054	16x25	4	394x621	95	0.66	0.83	60	80
CP4-044	20x25	4	496x621	95	0.83	1.04	60	80
CP4-444	20x24	4	496x595	95	0.79	0.98	60	80
CP4-442	24x24	4	595x595	95	0.94	1.18	60	80

Standard Capacity 8 Pleats Per Linear Foot - Arrestance 92%; Recommended Final Arrestance 150 Pascals