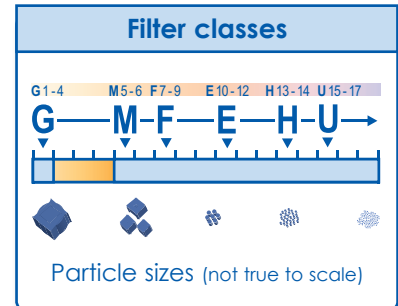


G4 Pleated Panel Filters Standard and High Capacity



Applications

- Hotels, offices, hospitals, food production, general air conditioning, pre-filtration asbestos removal
- High efficiency, extended life
- Extended surface area
- High dust holding capacity
- Operates as either a Pre or Final filter

Classification acc. to EN 779-2012

- Filter class **G4**
- Filter class **M5-F7** also available

Versions

Frame type:

- Card
- Galvanized Steel

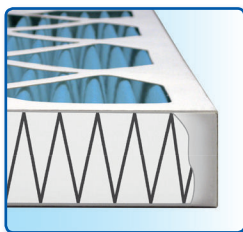
Frame Depth:

- 22mm
- 47mm
- 96mm

Characteristics

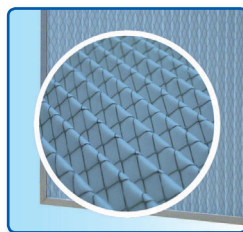
- Tested according to EN 779-2012
- Rated G4 to EN 779
- Arrestance >90%
- Efficiency >25% <35%
- Final pressure drop 250 Pa
- Operating temperature 70°C

Product Overview



Pleated Panel characteristics

- Extended filter area
- Expanded metal support
- 98% open face area
- Uniformed pleat configuration for maximum performance



- Quality control of the complete production with internal filter test equipment and modern quality management tools



Standards Capacity - Performance Details

Type SC4 22mm (14 pleats/lf) 47mm (10 pleats/lf) 98mm (08 pleats/lf) Final recommended pressure drop 250 Pa)	Nominal H x W	Actual H x W	Airflow [m³/h]			Initial Pressure Drop [Pa]		
			22 mm	47 mm	98 mm	22 mm	47 mm	98 mm
	12x12	287x287	-	790	-	-	80	-
	15x15	369x369	-	1300	1640	-	80	85
	16x16	395x395	1125	1500	-	75	80	-
	18x18	445x445	-	1895	2380	-	80	85
	20x12	496x287	-	1350	-	-	80	-
	20x15	496x369	1300	1750	-	75	80	85
	20x16	496x395	1400	1870	2380	75	80	85
	20x20	496x496	1780	2360	2950	75	80	85
	24x12	596x287	1230	1700	2125	75	80	85
	24x16	596x395	1700	2250	-	75	80	-
	24x18	596x445	-	2540	-	-	80	-
	24x20	596x496	2130	2830	3540	75	80	85
	24x24	596x596	2560	3400	4250	75	80	85

High Capacity - Performance Details

Type HC4 22mm (16 pleats/lf) 47mm (15 pleats/lf) 98mm (11 pleats/lf) Final recommended pressure drop 250 Pa	Nominal H x W	Actual H x W	Airflow [m³/h]			Initial Pressure Drop [Pa]		
			22 mm	47 mm	98 mm	22 mm	47 mm	98 mm
	12x12	287x287	-	790	-	-	70	-
	15x15	369x369	-	1300	1640	-	70	80
	16x16	395x395	1125	1500	-	65	70	-
	18x18	445x445	-	1895	2380	-	70	80
	20x12	496x287	-	1350	-	-	70	-
	20x15	496x369	1300	1750	-	65	70	-
	20x16	496x395	1400	1870	2380	65	70	80
	20x20	496x496	1780	2360	2950	65	70	80
	24x12	596x287	1230	1700	2125	65	70	80
	24x16	596x395	1700	2250	-	65	70	-
	24x18	596x445	-	2540	-	-	70	-
	24x20	596x496	2130	2830	3540	65	70	80
	24x24	596x596	2560	3400	4250	65	70	80

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