



ADVANTAGES

- Long operating life with large dust holding capacity
- Less frequent changes
- Fully combustible plastic frame
- Ultra compact panel filter with ePM1 and ePM10 efficiencies
- Low pressure drop thanks to large surface area

Application	Air conditioning or industrial processing systems and for mini air conditioning systems, individual modules and ventilation equipment
Frame	ABS
Media	Glass fiber
Separator	Hot-melt
Dimensions	Filter front dimensions according EN 15805
Rec. final pressure drop acc. EN 13053	Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower)
Max. final pressure drop	350 Pa
Max airflow	1,1 x nominal flow
Max Temperature (°C)	70°C
Relative Humidity max	100%
Installation Options	Front and side access housings and frames are available.

Due to its small size, EcoPleat G can be installed in most air handling units. Close pleats ensure low energy consumption, a large filter area and low pressure drop.

The filter media used in EcoPleat G has very fine fibres that guarantee efficient removal of submicron particles throughout the filter's lifetime. The removal efficiency can be as high as 10 times the efficiency of G4 pre-filters with efficiencies ranging from M5 to F9.

The water-resistant plastic frame provides extra assurance in high-humidity applications. Due to its frame, EcoPleat G is also 50% lighter than the metal frame version for a smaller environmental impact and easier handling.

EcoPleat G is well suited for commercial and residential air handling units, as well as other stand-alone systems for comfort applications.

EcoPleat is also available with cardboard and metal frames.

Type	EN779	ISO16890	Dimensions WxHxD (mm)	Airflow/pressure drop (m³/h/Pa)	Area (m²)	Frachtgewicht (kg)	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10
G	M5	ePM10 60%	592x592x48	2900/65	5,3	3	15	15	24	24	64
G	M5	ePM10 60%	592x287x48	1450/65	2,8	1,5					
G	M5	ePM10 60%	592x592x96	2900/60	10,2	4	15	15	24	24	64
G	M5	ePM10 60%	287x592x96	1450/60	5,7	3					
G	M6	ePM10 70%	592x592x48	2900/75	5,3	3	26	25	42	40	74
G	M6	ePM10 70%	592x287x48	1450/75	2,7	1,5					
G	M6	ePM10 70%	592x592x96	2900/70	10,2	4	26	25	42	40	74
G	M6	ePM10 70%	287x592x96	1450/70	5,1	3					
G	F7	ePM1 55%	592x592x48	2900/110	5,8	3	55	55	65	65	85
G	F7	ePM1 55%	287x592x48	1450/110	2,9	1,5					
G	F7	ePM1 55%	592x592x96	2900/100	11,5	4	55	55	65	65	85
G	F8	ePM1 70%	592x592x48	2900/160	6,3	3	74	74	85	85	94
G	F8	ePM1 70%	592x592x96	2900/105	12,8	4	74	74	85	85	94
G	F9	ePM1 80%	592x592x48	2500/120	6,9	3	83	83	88	88	96
G	F9	ePM1 80%	592x287x48	1250/120	3,2	1,5					
G	F9	ePM1 80%	592x592x96	2500/100	15,5	4	83	83	88	88	96
G	F9	ePM1 80%	592x287x96	1250/100	7,5	2					
G	F7	ePM1 55%	287x592x96	1450/100	5,7	3					
G	F8	ePM1 70%	287x592x48	1450/160	2,8	1,5					
G	F8	ePM1 70%	287x592x96	1450/105	4,4	3					

Other sizes available on request