



## 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

<b>Application</b>	Air conditioning or industrial processing systems and for mini air conditioning systems, individual modules and ventilation equipment
<b>Frame</b>	ABS
<b>Media</b>	Glass fiber
<b>Separator</b>	Hot-melt
<b>Dimensions</b>	Filter front dimensions according EN 15805
<b>Rec. final pressure drop acc. EN 13053</b>	Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower)
<b>Max. final pressure drop</b>	350 Pa
<b>Max airflow</b>	1,1 x nominal flow
<b>Max Temperature (°C)</b>	70°C
<b>Relative Humidity max</b>	100%
<b>Installation Options</b>	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	ISO 16890	Dimensions WxHxD (mm)	Airflow/pressure drop (m³/h/Pa)	Media area (m²)	Weight (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