



## ADVANTAGES

- Long operating life
- Less frequent changes
- Ultra compact and ultra light
- Large surface area

<b>Application</b>	Air conditioning or industrial processing systems and for mini air conditioning systems, individual modules and ventilation equipment
<b>Type</b>	Pleated Panel
<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 airflow</b>	1,1 x nominal flow
<b>Temperature max</b>	70°C
<b>RH. max</b>	100%
<b>Installation Options</b>	Front and side access housings and frames are available



Due to its small size, EcoPleat Green 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 Green 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 Green is also 50% lighter than the metal frame version for a smaller environmental impact and easier handling.

EcoPleat Green 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)	Air Flow/pressure drop (m <sup>3</sup> /h/Pa)	Media area (m <sup>2</sup> )	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	M6	ePM10 70%	592x592x48	2900/75	5,3	3	26	25	42	40	74
G	F7	ePM1 55%	592x592x48	2900/110	5,8	3	55	55	65	65	85
G	F8	ePM1 70%	592x592x48	2900/160	6,3	3	74	74	85	85	94
G	M5	ePM10 60%	592x287x48	1450/65	2,8	1,5					
G	F7	ePM1 55%	287x592x48	1450/110	2,9	1,5					
G	F8	ePM1 70%	287x592x48	1450/160	2,8	1,5					
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	M6	ePM10 70%	592x287x48	1450/75	2,7	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%	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%	592x592x96	2900/100	11,5	4	55	55	65	65	85
G	F7	ePM1 55%	287x592x96	1450/100	5,7	3					
G	F8	ePM1 70%	592x592x96	2900/105	12,8	4	74	74	85	85	94
G	F8	ePM1 70%	287x592x96	1450/105	4,4	3					
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					

Other sizes available on request