



## Advantages

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

**Application:** Air conditioning or industrial processing systems and for mini air conditioning systems, individual modules and ventilation equipment

**Type:** Pleated Panel

**Frame:** ABS

**Media:** Glass fiber

**Separator:** Hot Melt

**Dimensions:** Filter front dimensions according EN 15805

**Rec. final pressure drop acc. EN 13053:** M5-F7: 200 Pa, F8-F9: 300 Pa

**Maximum airflow:** 1,1 x nominal flow

**Temperature max:** 70°C

**RH. max:** 100%

**Mounting/Frames:** 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	ISO16890	Dimensions WxHxD (mm)	Air Flow/pressure drop (m <sup>3</sup> /h/Pa)	Media area (m <sup>2</sup> )	Weight (kg)	Initial eff. (%)	ME (%)*
Green	M5	ePM10 60%	592x592x48	2900/65	5,3	3		
Green	M5	ePM10 60%	592x287x48	1450/65	2,8	1,5		
Green	M6	ePM10 70%	592x592x48	2900/75	5,3	3		
Green	M6	ePM10 70%	592x287x48	1450/75	2,7	1,5		
Green	F7	ePM1 55%	592x592x48	2900/110	5,8	3	48	45
Green	F7	ePM1 55%	287x592x48	1450/110	2,9	1,5		
Green	F8	ePM1 70%	592x592x48	2900/160	6,3	3	79	76
Green	F8	ePM1 70%	287x592x48	1450/160	2,8	1,5		
Green	F9	ePM1 80%	592x592x48	2500/120	6,9	3	79	78
Green	F9	ePM1 80%	592x287x48	1250/120	3,2	1,5		
Green	M5	ePM10 60%	592x592x96	2900/60	10,2	4		
Green	M5	ePM10 60%	287x592x96	1450/60	5,7	3		
Green	M6	ePM10 70%	592x592x96	2900/70	10,2	4		
Green	M6	ePM10 70%	287x592x96	1450/70	5,1	3		
Green	F7	ePM1 55%	592x592x96	2900/90	11,5	4	48	45
Green	F7	ePM1 55%	287x592x96	1450/90	5,7	3		
Green	F8	ePM1 70%	592x592x96	2900/105	12,8	4	79	76
Green	F8	ePM1 70%	287x592x96	1450/105	4,4	3		
Green	F9	ePM1 80%	592x592x96	2500/100	15,5	4	79	78
Green	F9	ePM1 80%	592x287x96	1250/100	7,5	2		

ME%: Minimum efficiency ref. to EN779:2012

Other sizes available on request

