



ADVANTAGES

- Long operating life with large dust holding capacity
- Less frequent changes
- Fully combustible cardboard 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	Rigid water resistant cardboard
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 airflow	1,25 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 Eco 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 Eco 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 ISO coarse pre-filters with efficiencies ranging from ISO ePM10 60% to ISO ePM1 70%.

The beverage board frame makes EcoPleat Eco fully incinerable while providing good resistance against the type of humidity that often occurs in air handling units.

EcoPleat Eco 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 plastic and metal frames.

Type	ISO 16890	Dimensions WxHxD (mm)	Airflow/pressure drop (m³/h/Pa)	Media area (m²)	Weight (kg)	ePM1	ePM1min	ePM2,5	ePM2,5min	ePM10
Eco	ePM10 60%	592x592x96	2900/60	9.9	1.8	15	15	24	24	64
Eco	ePM10 60%	287x592x96	1450/60	4.8	0.9					
Eco	ePM2,5 50%	592x592x96	2900/80	10.4	2	40	40	54	54	85
Eco	ePM2,5 50%	287x592x96	1450/80	5.1	1					
Eco	ePM1 55%	592x592x96	2900/100	11.9	1.9	55	55	65	65	85
Eco	ePM1 55%	287x592x96	1450/100	5.7	1					
Eco	ePM1 70%	592x592x96	2900/105	13.1	2.1	74	74	85	85	94
Eco	ePM1 70%	287x592x96	1450/105	6.3	1.1					
Eco	ePM10 60%	592x592x48	2900/65	5.7	1.1	15	15	24	24	64
Eco	ePM10 60%	287x592x48	1450/65	2.8	0.5					
Eco	ePM2,5 50%	592x592x48	2900/85	6.4	1	40	40	54	54	85
Eco	ePM2,5 50%	287x592x48	1450/85	3.1	0.6					
Eco	ePM1 55%	592x592x48	2900/110	7	1.1	55	55	65	65	85
Eco	ePM1 55%	287x592x48	1450/110	3.4	0.6					
Eco	ePM1 70%	592x592x48	2900/160	7.7	1.1	74	74	85	85	94
Eco	ePM1 70%	287x592x48	1450/160	3.7	0.6					

Other sizes available on request