



## Advantages

- Ultra compact
- Large surface area
- Less frequent changes
- Full-combustible
- Long operating life

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

**Type:** Pleated Panel

**Frame:** Rigid water resistant cardboard

**Media:** Glass fiber

**Separator:** Hot Melt

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

**Maximum airflow:** 1,25 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 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 G4 pre-filters with efficiencies ranging from M5 to F8.

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	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 (%)*
Eco	M5	ePM10 60%	592x592x48	1900/50	5,3	3		
Eco	M6	ePM10 70%	592x592x48	1900/60	5,3	3		
Eco	F7	ePM1 55%	592x592x48	1900/90	5,8	3	48	45
Eco	F8	ePM1 70%	592x592x48	1900/110	6,4	3	79	76
Eco	M5	ePM10 60%	592x592x96	2900/60	9,3	4		
Eco	M6	ePM10 70%	592x592x96	2900/70	9,3	4		
Eco	F7	ePM1 55%	592x592x96	2900/90	10,2	4	48	45
Eco	F8	ePM1 70%	592x592x96	2900/105	11,6	4	79	76

ME%: Minimum efficiency ref. to EN779:2012

Other sizes available on request