



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

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|--|---|
| 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 | ISO16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | 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 | ePM2,5 50% | 592x592x96 | 2900/80 | 10.4 | 2 | 40 | 40 | 54 | 54 | 85 |
| Eco | ePM1 55% | 592x592x96 | 2900/100 | 11.9 | 1.9 | 55 | 55 | 65 | 65 | 85 |
| Eco | ePM1 70% | 592x592x96 | 2900/105 | 13.1 | 2.1 | 74 | 74 | 85 | 85 | 94 |
| Eco | ePM10 60% | 592x592x48 | 2900/65 | 5.7 | 1.1 | 15 | 15 | 24 | 24 | 64 |
| Eco | ePM2,5 50% | 592x592x48 | 2900/85 | 6.4 | 1 | 40 | 40 | 54 | 54 | 85 |
| Eco | ePM1 55% | 592x592x48 | 2900/110 | 7 | 1.1 | 55 | 55 | 65 | 65 | 85 |
| Eco | ePM1 70% | 592x592x48 | 2900/160 | 7.7 | 1.1 | 74 | 74 | 85 | 85 | 94 |

Other sizes available on request