



ADVANTAGES

- Long operating life with large dust holding capacity
- Less frequent changes
- Fully combustible plastic 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, ventilation equipment |
| Frame | ABS |
| Media | Glass fiber |
| Separator | Hot-melt |
| Dimensions | Filter front dimensions according EN 15805 |
| Max. final pressure drop | 350 Pa |
| Max airflow | 1,1 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 G 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 G 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 G is also 50% lighter than the metal frame version for a smaller environmental impact and easier handling.

EcoPleat G 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.

| Art. No. | Type | EN779 | ASHRAE 52.2-2017 | ISO16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Weight (kg) | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|----------|----------------|-------|------------------|-----------|-----------------------|---------------------------------|-------------|------|---------|--------|-----------|-------|
| 2715001 | 3GPPS-12242-M6 | M6 | MERV 11 | ePM10 70% | 287x592x48 | 950/50 | 2 | | | | | |
| 2715002 | 3GPPS-20242-M6 | M6 | MERV 11 | ePM10 70% | 490x592x48 | 1500/50 | 2.5 | | | | | |
| 2715003 | 3GPPS-24242-M6 | M6 | | ePM10 70% | 592x592x48 | 2900/75 | 3 | 26 | 25 | 42 | 40 | 74 |
| 2715004 | 3GPPS-12242-F7 | F7 | | ePM1 55% | 287x592x48 | 1450/110 | 1,5 | | | | | |
| 2715005 | 3GPPS-20242-F7 | F7 | MERV 13 | ePM1 55% | 490x592x48 | 1500/75 | 2.5 | | | | | |
| 2715006 | 3GPPS-24242-F7 | F7 | | ePM1 55% | 592x592x48 | 2900/110 | 3 | 55 | 55 | 65 | 65 | 85 |
| 2715007 | 3GPPS-12242-F8 | F8 | | ePM1 70% | 287x592x48 | 1450/160 | 1,5 | | | | | |
| 2715008 | 3GPPS-20242-F8 | F8 | MERV 14 | ePM1 70% | 490x592x48 | 1500/85 | 2.5 | | | | | |
| 2715009 | 3GPPS-24242-F8 | F8 | | ePM1 70% | 592x592x48 | 2900/160 | 3 | 74 | 74 | 85 | 85 | 94 |
| 2714001 | 3GPPS-12244-M6 | M6 | | ePM10 70% | 287x592x96 | 1450/70 | 3 | | | | | |
| 2714002 | 3GPPS-20244-M6 | M6 | MERV 11 | ePM10 70% | 490x592x96 | 2800/105 | 3.5 | | | | | |
| 2714003 | 3GPPS-24244-M6 | M6 | | ePM10 70% | 592x592x96 | 2900/70 | 4 | 26 | 25 | 42 | 40 | 74 |
| 2714004 | 3GPPS-12244-F7 | F7 | | ePM1 55% | 287x592x96 | 1450/100 | 3 | | | | | |
| 2714005 | 3GPPS-20244-F7 | F7 | MERV 13 | ePM1 55% | 490x592x96 | 2800/135 | 3.5 | | | | | |
| 2714006 | 3GPPS-24244-F7 | F7 | | ePM1 55% | 592x592x96 | 2900/100 | 4 | 55 | 55 | 65 | 65 | 85 |
| 2714007 | 3GPPS-12244-F8 | F8 | | ePM1 70% | 287x592x96 | 1450/105 | 3 | | | | | |
| 2714008 | 3GPPS-20244-F8 | F8 | MERV 14 | ePM1 70% | 490x592x96 | 2800/145 | 3.5 | | | | | |
| 2714009 | 3GPPS-24244-F8 | F8 | | ePM1 70% | 592x592x96 | 2900/105 | 4 | 74 | 74 | 85 | 85 | 94 |
| 2714517 | 3GPPS-24244-F9 | F9 | MERV 15 | ePM1 80% | 592x592x96 | 3400/160 | 4 | | | | | |
| 2714518 | 3GPPS-12244-F9 | F9 | MERV 15 | ePM1 80% | 287x592x96 | 1700/160 | 3 | | | | | |
| 2714520 | 3GPPS-20244-F9 | F9 | MERV 15 | ePM1 80% | 490x592x96 | 2800/160 | 3.5 | | | | | |

Other sizes available on request