



### 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

|                                 |  |
|---------------------------------|--|
| <b>Application</b>              | Air conditioning or industrial processing systems and for mini air conditioning systems, individual modules, ventilation equipment |
| <b>Frame</b>                    | ABS  |
| <b>Media</b>                    | Glass fiber  |
| <b>Separator</b>                | Hot-melt   |
| <b>Dimensions</b>               | Filter front dimensions according EN 15805   |
| <b>Max. final pressure drop</b> | 350 Pa   |
| <b>Max airflow</b>              | 1,1 x nominal flow   |
| <b>Max Temperature (°C)</b>     | 70°C   |
| <b>Relative Humidity max</b>    | 100%   |
| <b>Installation Options</b>     | 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