



## ADVANTAGES

- Innovative pocket design for optimum air distribution
- Conical pockets
- Fully incinerable with the plastic frame
- Low initial pressure drop
- Flat pressure drop curve
- Comprehensive range of standard sizes

|                                               |                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------|
| <b>Application</b>                            | Air conditioning applications and as pre filters for clean rooms.               |
| <b>Frame</b>                                  | Plastic moulded                                                                 |
| <b>Media</b>                                  | Glass fiber                                                                     |
| <b>Dimensions</b>                             | Filter front dimensions according EN 15805                                      |
| <b>Rec. final pressure drop acc. EN 13053</b> | Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower) |
| <b>Max airflow</b>                            | 1,25 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                         |



**EPD®**

| Art. No. | Type  | EN779 | ISO16890   | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|----------|-------|-------|------------|-----------------------|---------------------------------|------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 3146415  | 5/640 | M5    | ePM10 60%  | 592x592x640           | 3400/40                         | 6    | 1           | 631                | B            | 15   | 15      | 27     | 27        | 64    |
| 3146416  | 5/640 | M5    | ePM10 60%  | 490x592x640           | 2800/40                         | 5    | 0,9         |                    | B            |      |         |        |           |       |
| 3146417  | 5/640 | M5    | ePM10 60%  | 287x592x640           | 1700/40                         | 3    | 0,6         |                    | B            |      |         |        |           |       |
| 3146418  | 5/520 | M5    | ePM10 60%  | 592x592x520           | 3400/45                         | 6    | 0,9         | 836                | C            | 15   | 15      | 27     | 27        | 64    |
| 3146419  | 5/520 | M5    | ePM10 60%  | 490x592x520           | 2800/45                         | 5    | 0,8         |                    | C            |      |         |        |           |       |
| 3146420  | 5/520 | M5    | ePM10 60%  | 287x592x520           | 1700/45                         | 3    | 0,6         |                    | C            |      |         |        |           |       |
| 3146421  | 5/370 | M5    | ePM10 60%  | 592x592x370           | 3400/55                         | 6    | 0,8         | >1200              | E            | 15   | 15      | 27     | 27        | 64    |
| 3146422  | 5/370 | M5    | ePM10 60%  | 490x592x370           | 2800/55                         | 5    | 0,7         |                    | E            |      |         |        |           |       |
| 3146423  | 5/370 | M5    | ePM10 60%  | 287x592x370           | 1700/55                         | 3    | 0,5         |                    | E            |      |         |        |           |       |
| 3146020  | 6/640 | M6    | ePM2,5 50% | 592x592x640           | 3400/70                         | 6    | 1,2         | 1212               | C            | 40   | 40      | 54     | 54        | 80    |
| 3146021  | 6/640 | M6    | ePM2,5 50% | 490x592x640           | 2800/70                         | 5    | 1           |                    | C            |      |         |        |           |       |
| 3146022  | 6/640 | M6    | ePM2,5 50% | 287x592x640           | 1700/70                         | 3    | 0,7         |                    | C            |      |         |        |           |       |
| 3146023  | 6/520 | M6    | ePM2,5 50% | 592x592x520           | 3400/80                         | 6    | 1,1         | 1552               | D            | 40   | 40      | 54     | 54        | 80    |
| 3146024  | 6/520 | M6    | ePM2,5 50% | 490x592x520           | 2800/80                         | 5    | 0,9         |                    | D            |      |         |        |           |       |
| 3146025  | 6/520 | M6    | ePM2,5 50% | 287x592x520           | 1700/80                         | 3    | 0,6         |                    | D            |      |         |        |           |       |
| 3146026  | 6/370 | M6    | ePM2,5 50% | 592x592x370           | 3400/120                        | 6    | 0,9         | >1900              | E            | 40   | 40      | 54     | 54        | 80    |
| 3146027  | 6/370 | M6    | ePM2,5 50% | 490x592x370           | 2800/120                        | 5    | 0,8         |                    | E            |      |         |        |           |       |
| 3146028  | 6/370 | M6    | ePM2,5 50% | 287x592x370           | 1700/120                        | 3    | 0,6         |                    | E            |      |         |        |           |       |
| 3146128  | 7/640 | F7    | ePM1 60%   | 592x592x640           | 3400/85                         | 6    | 0,9         | 1165               | C            | 62   | 62      | 71     | 71        | 90    |
| 3146129  | 7/640 | F7    | ePM1 60%   | 490x592x640           | 2800/85                         | 5    | 0,8         |                    | C            |      |         |        |           |       |
| 3146130  | 7/640 | F7    | ePM1 60%   | 287x592x640           | 1700/85                         | 3    | 0,6         |                    | C            |      |         |        |           |       |
| 3146131  | 7/520 | F7    | ePM1 60%   | 592x592x520           | 3400/105                        | 6    | 0,9         | 1528               | D            | 62   | 62      | 71     | 71        | 90    |
| 3146132  | 7/520 | F7    | ePM1 60%   | 490x592x520           | 2800/105                        | 5    | 0,8         |                    | D            |      |         |        |           |       |
| 3146133  | 7/520 | F7    | ePM1 60%   | 287x592x520           | 1700/105                        | 3    | 0,5         |                    | D            |      |         |        |           |       |
| 3146134  | 7/370 | F7    | ePM1 60%   | 592x592x370           | 3400/150                        | 6    | 0,9         | >2050              | E            | 62   | 62      | 71     | 71        | 90    |
| 3146135  | 7/370 | F7    | ePM1 60%   | 490x592x370           | 2800/150                        | 5    | 0,7         |                    | E            |      |         |        |           |       |
| 3146136  | 7/370 | F7    | ePM1 60%   | 287x592x370           | 1700/150                        | 3    | 0,5         |                    | E            |      |         |        |           |       |
| 3146317  | 9/640 | F9    | ePM1 85%   | 592x592x640           | 3400/200                        | 6    | 1           | >2400              | E            | 87   | 87      | 91     | 91        | 98    |
| 3146318  | 9/640 | F9    | ePM1 85%   | 490x592x640           | 2800/200                        | 5    | 0,9         |                    | E            |      |         |        |           |       |
| 3146319  | 9/640 | F9    | ePM1 85%   | 287x592x640           | 1700/200                        | 3    | 0,6         |                    | E            |      |         |        |           |       |
| 3146320  | 9/520 | F9    | ePM1 85%   | 592x592x520           | 3400/230                        | 6    | 0,9         | >2400              | E            | 87   | 87      | 91     | 91        | 98    |
| 3146321  | 9/520 | F9    | ePM1 85%   | 490x592x520           | 2800/230                        | 5    | 0,8         |                    | E            |      |         |        |           |       |
| 3146322  | 9/520 | F9    | ePM1 85%   | 287x592x520           | 1700/230                        | 3    | 0,5         |                    | E            |      |         |        |           |       |

Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2019  
Energy class: according to Eurovent RS 4/C/001-2019