



## ADVANTAGES

- Free of bisphenol-A, phthalate, and formaldehyde
- Tested for food safety acc. to EC 1935:2004
- Manufactured and packed in a controlled environment
- Packaging suitable for cleanroom unpacking
- ProSafe certified for Food & Beverage, Life Science, or close-to-product applications
- Chemically resistant to decontamination, inactivation, and cleaning agent
- Microbial inert components acc. to ISO 846
- Compliant with VDI 6022

|   |   |
|---|---|
| <b>Application</b>                            | Air conditioning applications and as pre filters for clean rooms                |
| <b>Frame</b>                                  | Plastic   |
| <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.                        |



| Art. No. | Type  | EN779 | ISO 16890  | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|----------|-------|-------|------------|-----------------------|---------------------------------|------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| 3146008  | 6/640 | M6    | ePM2,5 50% | 592x592x640           | 3400/55                         | 10   | 2,3         | 748               | A            | 40   | 40      | 54     | 54        | 80    |
| 3146009  | 6/640 | M6    | ePM2,5 50% | 490x592x640           | 2800/55                         | 8    | 1.6         |                   | A            |      |         |        |           |       |
| 3146010  | 6/640 | M6    | ePM2,5 50% | 287x592x640           | 1700/55                         | 5    | 1.4         |                   | A            |      |         |        |           |       |
| 3146011  | 6/520 | M6    | ePM2,5 50% | 592x592x520           | 3400/60                         | 10   | 2.2         | 929               | B            | 40   | 40      | 54     | 54        | 80    |
| 3146012  | 6/520 | M6    | ePM2,5 50% | 490x592x520           | 2800/60                         | 8    | 1.4         |                   | B            |      |         |        |           |       |
| 3146013  | 6/520 | M6    | ePM2,5 50% | 287x592x520           | 1700/60                         | 5    | 1.3         |                   | B            |      |         |        |           |       |
| 3146014  | 6/370 | M6    | ePM2,5 50% | 592x592x370           | 3400/70                         | 10   | 2           | 1405              | D            | 40   | 40      | 54     | 54        | 80    |
| 3146015  | 6/370 | M6    | ePM2,5 50% | 490x592x370           | 2800/70                         | 8    | 1.3         |                   | D            |      |         |        |           |       |
| 3146016  | 6/370 | M6    | ePM2,5 50% | 287x592x370           | 1700/70                         | 5    | 1.2         |                   | D            |      |         |        |           |       |
| 3146113  | 7/640 | F7    | ePM1 60%   | 592x592x640           | 3400/65                         | 10   | 2,3         | 811               | A+           | 62   | 62      | 71     | 71        | 90    |
| 3146114  | 7/640 | F7    | ePM1 60%   | 490x592x640           | 2800/65                         | 8    | 1,6         |                   | A+           |      |         |        |           |       |
| 3146115  | 7/640 | F7    | ePM1 60%   | 287x592x640           | 1700/65                         | 5    | 1,4         |                   | A+           |      |         |        |           |       |
| 3146116  | 7/520 | F7    | ePM1 60%   | 592x592x520           | 3400/75                         | 10   | 2,2         | 943               | A            | 62   | 62      | 71     | 71        | 90    |
| 3146117  | 7/520 | F7    | ePM1 60%   | 490x592x520           | 2800/75                         | 8    | 1,4         |                   | A            |      |         |        |           |       |
| 3146118  | 7/520 | F7    | ePM1 60%   | 287x592x520           | 1700/75                         | 5    | 1,3         |                   | A            |      |         |        |           |       |
| 3146119  | 7/370 | F7    | ePM1 60%   | 592x592x370           | 3400/100                        | 10   | 2           | 1389              | C            | 62   | 62      | 71     | 71        | 90    |
| 3146120  | 7/370 | F7    | ePM1 60%   | 490x592x370           | 2800/100                        | 8    | 1,3         |                   | C            |      |         |        |           |       |
| 3146121  | 7/370 | F7    | ePM1 60%   | 287x592x370           | 1700/100                        | 5    | 1,2         |                   | C            |      |         |        |           |       |
| 3146307  | 9/640 | F9    | ePM1 85%   | 592x592x640           | 3400/120                        | 10   | 2,3         | 1474              | C            | 87   | 87      | 91     | 91        | 98    |
| 3146308  | 9/640 | F9    | ePM1 85%   | 490x592x640           | 2800/120                        | 8    | 1.6         |                   | C            |      |         |        |           |       |
| 3146309  | 9/640 | F9    | ePM1 85%   | 287x592x640           | 1700/120                        | 5    | 1,4         |                   | C            |      |         |        |           |       |
| 3146310  | 9/520 | F9    | ePM1 85%   | 592x592x520           | 3400/165                        | 10   | 2.2         | 2091              | D            | 87   | 87      | 91     | 91        | 98    |
| 3146311  | 9/520 | F9    | ePM1 85%   | 490x592x520           | 2800/165                        | 8    | 1.4         |                   | D            |      |         |        |           |       |
| 3146312  | 9/520 | F9    | ePM1 85%   | 287x592x520           | 1700/165                        | 5    | 1.3         |                   | D            |      |         |        |           |       |

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

Energy class: according to Eurovent RS 4/C/001-2019