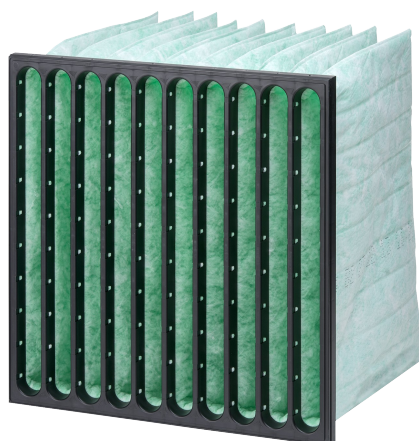




## ADVANTAGES

- Lowest labour cost thanks to less frequent filter changes
- Conical and tapered pocket shape for improved air flow
- Fully incinerable with the plastic frame
- Lowest energy consumption and initial pressure drop
- Extended operating life with the best total cost of ownership (TCO)

|                                               |                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------|
| <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                         |



| 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 | MERV A   |
|----------|-------|-------|------------|-----------------------|---------------------------------|------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|----------|
| 3146017  | 6/640 | M6    | ePM2,5 50% | 592x592x640           | 3400/55                         | 10   | 2,3         | 748                | A            | 40   | 40      | 54     | 54        | 80    | MERV 11A |
| 3146018  | 6/640 | M6    | ePM2,5 50% | 490x592x640           | 2800/55                         | 8    | 1,6         |                    | A            |      |         |        |           |       | MERV 11A |
| 3146019  | 6/640 | M6    | ePM2,5 50% | 287x592x640           | 1700/55                         | 5    | 1,4         |                    | A            |      |         |        |           |       | MERV 11A |
| 3146001  | 6/520 | M6    | ePM2,5 50% | 592x592x520           | 3400/65                         | 10   | 2,2         | 929                | B            | 40   | 40      | 54     | 54        | 80    | MERV 11A |
| 3146002  | 6/520 | M6    | ePM2,5 50% | 490x592x520           | 2800/65                         | 8    | 1,4         |                    | B            |      |         |        |           |       | MERV 11A |
| 3146003  | 6/520 | M6    | ePM2,5 50% | 287x592x520           | 1700/65                         | 5    | 1,3         |                    | B            |      |         |        |           |       | MERV 11A |
| 3146122  | 7/670 | F7    | ePM1 60%   | 592x592x670           | 3400/65                         | 10   | 2,3         | 838                | A+           | 62   | 62      | 71     | 71        | 90    | MERV 13A |
| 3146123  | 7/670 | F7    | ePM1 60%   | 490x592x670           | 2800/65                         | 8    | 1,6         |                    | A+           |      |         |        |           |       | MERV 13A |
| 3146124  | 7/670 | F7    | ePM1 60%   | 287x592x670           | 1700/65                         | 5    | 1,4         |                    | A+           |      |         |        |           |       | MERV 13A |
| 3146125  | 7/640 | F7    | ePM1 60%   | 592x592x640           | 3400/65                         | 10   | 2,3         | 811                | A+           | 62   | 62      | 71     | 71        | 90    | MERV 13A |
| 3146126  | 7/640 | F7    | ePM1 60%   | 490x592x640           | 2800/65                         | 8    | 1,6         |                    | A+           |      |         |        |           |       | MERV 13A |
| 3146127  | 7/640 | F7    | ePM1 60%   | 287x592x640           | 1700/65                         | 5    | 1,4         |                    | A+           |      |         |        |           |       | MERV 13A |
| 3146101  | 7/520 | F7    | ePM1 60%   | 592x592x520           | 3400/75                         | 10   | 2,2         | 943                | A            | 62   | 62      | 71     | 71        | 90    | MERV 13A |
| 3146102  | 7/520 | F7    | ePM1 60%   | 490x592x520           | 2800/75                         | 8    | 1,4         |                    | A            |      |         |        |           |       | MERV 13A |
| 3146103  | 7/520 | F7    | ePM1 60%   | 287x592x520           | 1700/75                         | 5    | 1,3         |                    | A            |      |         |        |           |       | MERV 13A |
| 3146207  | 8/640 | F8    | ePM1 75%   | 592x592x640           | 3400/130                        | 10   | 2,3         | 1575               | D            | 78   | 78      | 89     | 89        | 96    | MERV 14A |
| 3146208  | 8/640 | F8    | ePM1 75%   | 490x592x640           | 2800/130                        | 8    | 1,6         |                    | D            |      |         |        |           |       | MERV 14A |
| 3146209  | 8/640 | F8    | ePM1 75%   | 287x592x640           | 1700/130                        | 5    | 1,4         |                    | D            |      |         |        |           |       | MERV 14A |
| 3146210  | 8/520 | F8    | ePM1 75%   | 592x592x520           | 3400/155                        | 10   | 2,2         | 1948               | D            | 78   | 78      | 89     | 89        | 96    | MERV 14A |
| 3146202  | 8/520 | F8    | ePM1 75%   | 490x592x520           | 2800/155                        | 8    | 1,4         |                    | D            |      |         |        |           |       | MERV 14A |
| 3146203  | 8/520 | F8    | ePM1 75%   | 287x592x520           | 1700/155                        | 5    | 1,3         |                    | D            |      |         |        |           |       | MERV 14A |
| 3146314  | 9/640 | F9    | ePM1 85%   | 592x592x640           | 3400/120                        | 10   | 2,1         | 1474               | C            | 87   | 87      | 91     | 91        | 98    | MERV 15A |
| 3146315  | 9/640 | F9    | ePM1 85%   | 490x592x640           | 2800/120                        | 8    | 1,6         |                    | C            |      |         |        |           |       | MERV 15A |
| 3146316  | 9/640 | F9    | ePM1 85%   | 287x592x640           | 1700/120                        | 5    | 1,4         |                    | C            |      |         |        |           |       | MERV 15A |
| 3146301  | 9/520 | F9    | ePM1 85%   | 592x592x520           | 3400/165                        | 10   | 2           | 2091               | D            | 87   | 87      | 91     | 91        | 98    | MERV 15A |
| 3146302  | 9/520 | F9    | ePM1 85%   | 490x592x520           | 2800/165                        | 8    | 1,4         |                    | D            |      |         |        |           |       | MERV 15A |
| 3146303  | 9/520 | F9    | ePM1 85%   | 287x592x520           | 1700/165                        | 5    | 1,3         |                    | D            |      |         |        |           |       | MERV 15A |

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

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