



## ADVANTAGES

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

|                                               |                                                                                  |
|-----------------------------------------------|----------------------------------------------------------------------------------|
| <b>Application</b>                            | Air conditioning applications.                                                   |
| <b>Frame</b>                                  | Galvanised steel                                                                 |
| <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.                         |
| <b>Comment</b>                                | Hi-Flo M : SGBP is applicable for F9 class ( √ GOOD) only<br>Fire rating: UL 900 |



**EPD**  
INTERNATIONAL EPD SYSTEM

| 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   |
|----------|------|-------|------------|-----------------------|---------------------------------|------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|----------|
| 3140001  | M6   | M6    | ePM2,5 50% | 592x592x640           | 3400/55                         | 12   | 3,3         | 748                | A            | 40   | 40      | 54     | 54        | 80    | MERV 10A |
| 3140002  | N6   | M6    | ePM2,5 50% | 490x592x640           | 2800/55                         | 10   | 3           |                    | A            |      |         |        |           |       | MERV 10A |
| 3140003  | O6   | M6    | ePM2,5 50% | 287x592x640           | 1700/55                         | 6    | 2           |                    | A            |      |         |        |           |       | MERV 11A |
| 3140009  | P6   | M6    | ePM2,5 50% | 592x592x520           | 3400/65                         | 10   | 2,9         | 992                | C            | 40   | 40      | 54     | 54        | 80    | MERV 11A |
| 3140010  | Q6   | M6    | ePM2,5 50% | 490x592x520           | 2800/65                         | 8    | 2,4         |                    | C            |      |         |        |           |       | MERV 11A |
| 3140011  | R6   | M6    | ePM2,5 50% | 287x592x520           | 1700/65                         | 5    | 1,5         |                    | C            |      |         |        |           |       | MERV 11A |
| 3140025  | TM6  | M6    | ePM2,5 50% | 592x592x370           | 3400/70                         | 12   | 2,55        | 1280               | C            | 40   | 40      | 54     | 54        | 80    | MERV 11A |
| 3140026  | TN6  | M6    | ePM2,5 50% | 490x592x370           | 2800/70                         | 10   | 2,15        |                    | C            |      |         |        |           |       | MERV 11A |
| 3140027  | TO6  | M6    | ePM2,5 50% | 287x592x370           | 1700/70                         | 6    | 1,4         |                    | C            |      |         |        |           |       | MERV 11A |
| 3140029  | M7   | F7    | ePM1 60%   | 592x592x640           | 3400/65                         | 12   | 3,3         | 803                | A+           | 62   | 62      | 71     | 71        | 90    | MERV 13A |
| 3140030  | N7   | F7    | ePM1 60%   | 490x592x640           | 2800/65                         | 10   | 3           |                    | A+           |      |         |        |           |       | MERV 13A |
| 3140031  | O7   | F7    | ePM1 60%   | 287x592x640           | 1700/65                         | 6    | 2           |                    | A+           |      |         |        |           |       | MERV 13A |
| 3140037  | P7   | F7    | ePM1 60%   | 592x592x520           | 3400/75                         | 10   | 2,6         | 943                | A            | 62   | 62      | 71     | 71        | 90    | MERV 13A |
| 3140038  | Q7   | F7    | ePM1 60%   | 490x592x520           | 2800/75                         | 8    | 2,3         |                    | A            |      |         |        |           |       | MERV 13A |
| 3140039  | R7   | F7    | ePM1 60%   | 287x592x520           | 1700/75                         | 5    | 1,6         |                    | A            |      |         |        |           |       | MERV 13A |
| 3140053  | TM7  | F7    | ePM1 60%   | 592x592x370           | 3400/95                         | 12   | 2,3         | 1275               | C            | 62   | 62      | 71     | 71        | 90    | MERV 13A |
| 3140054  | TN7  | F7    | ePM1 60%   | 490x592x370           | 2800/95                         | 10   | 2,05        |                    | C            |      |         |        |           |       | MERV 13A |
| 3140055  | TO7  | F7    | ePM1 60%   | 287x592x370           | 1700/95                         | 6    | 1,35        |                    | C            |      |         |        |           |       | MERV 13A |
| 3140057  | M8   | F8    | ePM1 70%   | 592x592x640           | 3400/130                        | 12   | 2,9         |                    |              |      |         |        |           |       | MERV 14A |
| 3140058  | N8   | F8    | ePM1 70%   | 490x592x640           | 2800/130                        | 10   | 2,5         |                    |              |      |         |        |           |       | MERV 14A |
| 3140059  | O8   | F8    | ePM1 70%   | 287x592x640           | 1700/130                        | 6    | 1,7         |                    |              |      |         |        |           |       | MERV 14A |
| 3140065  | P8   | F8    | ePM1 70%   | 592x592x520           | 3400/160                        | 10   | 2,41        |                    |              |      |         |        |           |       | MERV 14A |
| 3140066  | Q8   | F8    | ePM1 70%   | 490x592x520           | 2800/160                        | 8    | 2,03        |                    |              |      |         |        |           |       | MERV 14A |
| 3140067  | R8   | F8    | ePM1 70%   | 287x592x520           | 1700/160                        | 5    | 1,43        |                    |              |      |         |        |           |       | MERV 14A |
| 3140081  | TM8  | F8    | ePM1 70%   | 592x592x370           | 3400/205                        | 12   | 2,45        |                    |              |      |         |        |           |       | MERV 14A |
| 3140082  | TN8  | F8    | ePM1 70%   | 490x592x370           | 2800/205                        | 10   | 2,12        |                    |              |      |         |        |           |       | MERV 14A |

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|----------|------|-------|----------|-----------------------|---------------------------------|------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|----------|
| 3140083  | TO8  | F8    | ePM1 70% | 287x592x370           | 1700/205                        | 6    | 1,45        |                    |              |      |         |        |           |       | MERV 14A |
| 3145006  | M9   | F9    | ePM1 85% | 592x592x640           | 3400/125                        | 12   | 3,3         | 1520               | C            | 87   | 87      | 91     | 91        | 98    | MERV 15A |
| 3145009  | N9   | F9    | ePM1 85% | 490x592x640           | 2800/125                        | 10   | 3           |                    | C            |      |         |        |           |       | MERV 15A |
| 3145007  | O9   | F9    | ePM1 85% | 287x592x640           | 1700/125                        | 6    | 2           |                    | C            |      |         |        |           |       | MERV 15A |
| 3145008  | P9   | F9    | ePM1 85% | 592x592x520           | 3400/155                        | 10   | 2,5         | 1880               | D            | 87   | 87      | 91     | 91        | 98    | MERV 15A |
| 3145010  | Q9   | F9    | ePM1 85% | 490x592x520           | 2800/155                        | 8    | 2,4         |                    | D            |      |         |        |           |       | MERV 15A |
| 3145011  | R9   | F9    | ePM1 85% | 287x592x520           | 1700/155                        | 5    | 1,5         |                    | 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

SGBC is only applicable for F8 and F9 class filters

Above sizes are 25mm and 20mm available on request