



## ADVANTAGES

- Less frequent changes
- Certified performance optimised for LCC
- Aerodynamic radial design
- Long operating life
- Light and robust
- Very low energy consumption

|   |   |
|---|---|
| <b>Application</b>                            | Air conditioning applications and preparatory filtration in clean rooms |
| <b>Type</b>                                   | V-Bank Filter   |
| <b>Frame</b>                                  | ABS   |
| <b>Media</b>                                  | Glass fiber   |
| <b>Separator</b>                              | Hot Melt  |
| <b>Sealant</b>                                | Polyurethane  |
| <b>Dimensions</b>                             | Filter front dimensions according EN 15805                              |
| <b>Rec. final pressure drop acc. EN 13053</b> | M6-F7: 200 Pa, F8-F9 300 Pa   |
| <b>Maximum airflow</b>                        | 1,25 x nominal flow   |
| <b>Temperature max</b>                        | 70°C  |
| <b>RH. max</b>                                | 100%  |
| <b>Mounting/Frames</b>                        | Front and side access housings and frames are available                 |



| Type | EN779 | ISO16890  | Dimensions WxHxD (mm) | Air Flow/pressure drop (m <sup>3</sup> /h/Pa) | Media area (m <sup>2</sup> ) | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|------|-------|-----------|-----------------------|---|------------------------------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| ES6  | M6    | ePM10 70% | 592x592x296           | 3400/60                                       | 17                           | 5           | 770                | B            | 28   | 28      | 40     | 40        | 74    |
| ES6  | M6    | ePM10 70% | 592x490x296           | 2800/60                                       | 14                           | 4           |                    | B            |      |         |        |           |       |
| ES6  | M6    | ePM10 70% | 592x287x296           | 1700/60                                       | 8                            | 3           |                    | B            |      |         |        |           |       |
| ES7  | F7    | ePM1 60%  | 592x592x296           | 3400/65                                       | 17                           | 5           | 838                | A+           | 61   | 61      | 70     | 70        | 87    |
| ES7  | F7    | ePM1 60%  | 592x490x296           | 2800/65                                       | 14                           | 4           |                    | A+           |      |         |        |           |       |
| ES7  | F7    | ePM1 60%  | 592x287x296           | 1700/65                                       | 8                            | 3           |                    | A+           |      |         |        |           |       |
| ES8  | F8    | ePM1 70%  | 592x592x296           | 3400/75                                       | 17                           | 5           | 1020               | A            | 72   | 72      | 80     | 80        | 92    |
| ES8  | F8    | ePM1 70%  | 592x490x296           | 2800/75                                       | 14                           | 4           |                    | A            |      |         |        |           |       |
| ES8  | F8    | ePM1 70%  | 592x287x296           | 1700/75                                       | 8                            | 3           |                    | A            |      |         |        |           |       |
| ES9  | F9    | ePM1 80%  | 592x592x296           | 3400/90                                       | 17                           | 5           | 1212               | A            | 83   | 83      | 87     | 87        | 95    |
| ES9  | F9    | ePM1 80%  | 592x490x296           | 2800/90                                       | 14                           | 4           |                    | A            |      |         |        |           |       |
| ES9  | F9    | ePM1 80%  | 592x287x296           | 1700/90                                       | 8                            | 3           |                    | A            |      |         |        |           |       |

Energy Consumption, kWh/year: Calculated according to Eurovent Guideline 4/21-2018

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

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As part of our program for continuous improvement, Camfil reserves the right to change specifications without notice. 2019-03-25

