



## ADVANTAGES

- Innovative pocket design for optimum air distribution
- Economy version to achieve ePM1 filtration.
- Conical pockets
- Low initial pressure drop
- Robust metal header frame

|   |   |
|---|---|
| <b>Application</b>                            | Comfort air conditioning applications, prefilter 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>                                | Remarks: Also available with plastic frame, 25mm                                |



**EPD**<sup>®</sup>

| Type       | EN779 | ISO 16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Media area (m²) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|------------|-------|-----------|-----------------------|---------------------------------|------|-----------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| A7         | F7    | ePM1 50%  | 592x592x600           | 3400/95                         | 6    | 4,5             | 2,4         | 1144              | C            | 54   | 54      | 66     | 66        | 88    |
| B7         | F7    | ePM1 50%  | 490x592x600           | 2800/95                         | 5    | 3,6             | 2,1         |                   | C            |      |         |        |           |       |
| C7         | F7    | ePM1 50%  | 287x592x600           | 1700/95                         | 3    | 2,3             | 1,5         |                   | C            |      |         |        |           |       |
| A7-63      | F7    | ePM1 50%  | 592x287x600           | 1700/95                         | 6    | 2,3             | 1,5         |                   | C            |      |         |        |           |       |
| A7-65      | F7    | ePM1 50%  | 592x490x600           | 2800/95                         | 6    | 3,6             | 2,1         |                   | C            |      |         |        |           |       |
| C7-33      | F7    | ePM1 50%  | 287x287x600           | 800/95                          | 3    | 1,1             | 0,8         |                   | C            |      |         |        |           |       |
| A7/520     | F7    | ePM1 50%  | 592x592x520           | 3400/100                        | 6    | 3,7             | 2           | 1518              | D            | 54   | 54      | 66     | 66        | 88    |
| B7/520     | F7    | ePM1 50%  | 490x592x520           | 2800/100                        | 5    | 3               | 1,8         |                   | D            |      |         |        |           |       |
| C7/520     | F7    | ePM1 50%  | 287x592x520           | 1700/100                        | 3    | 1,8             | 1,2         |                   | D            |      |         |        |           |       |
| A7-63/520  | F7    | ePM1 50%  | 592x287x520           | 1700/100                        | 6    | 1,8             | 1,2         |                   | D            |      |         |        |           |       |
| A7-65/520  | F7    | ePM1 50%  | 592x490x520           | 2800/100                        | 6    | 3               | 1,8         |                   | D            |      |         |        |           |       |
| C7-33/520  | F7    | ePM1 50%  | 287x287x520           | 800/100                         | 3    | 0,9             | 0,7         |                   | D            |      |         |        |           |       |
| A7/370     | F7    | ePM1 50%  | 592x592x370           | 3400/135                        | 6    | 2,6             | 1,8         | >2000             | E            | 54   | 54      | 66     | 66        | 88    |
| B7/370     | F7    | ePM1 50%  | 490x592x370           | 2800/135                        | 5    | 2,2             | 1,6         |                   | E            |      |         |        |           |       |
| C7/370     | F7    | ePM1 50%  | 287x592x370           | 1700/135                        | 3    | 1,3             | 1,2         |                   | E            |      |         |        |           |       |
| A7-63/370  | F7    | ePM1 50%  | 592x287x370           | 1700/135                        | 6    | 1,3             | 1,2         |                   | E            |      |         |        |           |       |
| A7-65/370  | F7    | ePM1 50%  | 592x490x370           | 2800/135                        | 6    | 2,2             | 1,6         |                   | E            |      |         |        |           |       |
| C7-33/370  | F7    | ePM1 50%  | 287x287x370           | 800/135                         | 3    | 0,6             | 0,8         |                   | E            |      |         |        |           |       |
| UF7        | F7    | ePM1 50%  | 592x592x600           | 3400/85                         | 8    | 6               | 2,6         | 1020              | B            | 54   | 54      | 66     | 66        | 88    |
| UF7-63     | F7    | ePM1 50%  | 592x287x600           | 1700/85                         | 8    | 3               | 1,5         |                   | B            |      |         |        |           |       |
| UG7        | F7    | ePM1 50%  | 490x592x600           | 2800/85                         | 6    | 4,5             | 2,4         |                   | B            |      |         |        |           |       |
| UF7-65     | F7    | ePM1 50%  | 592x490x600           | 2800/85                         | 8    | 4,5             | 2,4         |                   | B            |      |         |        |           |       |
| UH7        | F7    | ePM1 50%  | 287x592x600           | 1700/85                         | 4    | 3               | 1,5         |                   | B            |      |         |        |           |       |
| UH7-33     | F7    | ePM1 50%  | 287x287x600           | 800/85                          | 4    | 1,5             | 0,8         |                   | B            |      |         |        |           |       |
| UF7/520    | F7    | ePM1 50%  | 592x592x520           | 3400/95                         | 8    | 5,2             | 2,6         | 1087              | C            | 54   | 54      | 66     | 66        | 88    |
| UG7/520    | F7    | ePM1 50%  | 490x592x520           | 2800/95                         | 6    | 3,9             | 2,4         |                   | C            |      |         |        |           |       |
| UH7/520    | F7    | ePM1 50%  | 287x592x520           | 1700/95                         | 4    | 2,5             | 1,5         |                   | C            |      |         |        |           |       |
| UF7-63/520 | F7    | ePM1 50%  | 592x287x520           | 1700/95                         | 8    | 2,5             | 1,5         |                   | C            |      |         |        |           |       |
| UF7-65/520 | F7    | ePM1 50%  | 592x490x520           | 2800/95                         | 8    | 3,9             | 2,4         |                   | C            |      |         |        |           |       |
| UH7-33/520 | F7    | ePM1 50%  | 287x287x520           | 800/95                          | 4    | 1,3             | 0,8         |                   | C            |      |         |        |           |       |
| UF7/370    | F7    | ePM1 50%  | 592x592x370           | 3400/125                        | 8    | 3,6             | 2,4         | 1563              | D            | 54   | 54      | 66     | 66        | 88    |
| UG7/370    | F7    | ePM1 50%  | 490x592x370           | 2800/125                        | 6    | 2,7             | 2,1         |                   | D            |      |         |        |           |       |
| UH7/370    | F7    | ePM1 50%  | 287x592x370           | 1700/125                        | 4    | 1,8             | 1,5         |                   | D            |      |         |        |           |       |
| UF7-63/370 | F7    | ePM1 50%  | 592x287x370           | 1700/125                        | 8    | 1,8             | 1,5         |                   | D            |      |         |        |           |       |

| Type       | EN779 | ISO 16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m <sup>3</sup> /h/Pa) | Bags | Media area (m <sup>2</sup> ) | Weight (kg) | Energy (kWh/year) | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|------------|-------|-----------|-----------------------|--|------|------------------------------|-------------|-------------------|--------------|------|---------|--------|-----------|-------|
| UF7-65/370 | F7    | ePM1 50%  | 592x490x370           | 2800/125                                     | 8    | 2,7                          | 2,1         |                   | D            |      |         |        |           |       |
| UH7-33/370 | F7    | ePM1 50%  | 287x287x370           | 800/125                                      | 4    | 0,9                          | 0,8         |                   | D            |      |         |        |           |       |

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

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