



## ADVANTAGES

- Extended lifetime, up to 12 months depending on the application
- Proprietary dual layered media for continuous filtration efficiency and high dust holding capacity
- Radial pleats supported by a metal grid hold the pleat formation throughout its lifetime
- Plastic frame for high humidity applications, suitable for incineration with energy recovery.
- Prefilter ePM10 55%
- Highest energy efficiency class amongst prefilters

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|---|--|
| <b>Application</b>                            | Prevention of dust and dirt build up on heating/cooling coils within ventilation systems |
| <b>Frame</b>                                  | Plastic  |
| <b>Media</b>                                  | Dual layered, blended polyester  |
| <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>                   | 90°C   |
| <b>Relative Humidity max</b>                  | 100%   |
| <b>Installation Options</b>                   | Front and side access housings and frames are available.                                 |

| Type            | ISO16890  | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Area (m²) | Weight (kg) | Energy consumption | Energy class | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 |
|-----------------|-----------|-----------------------|---------------------------------|-----------|-------------|--------------------|--------------|------|---------|--------|-----------|-------|
| 1055 592x592x48 | ePM10 55% | 592x592x48            | 3400/70                         | 1.8       | 0.8         | 1080               | D            | 3    | 3       | 15     | 14        | 55    |
| 1055 492x492x48 | ePM10 55% | 492x492x48            | 2400/70                         | 1.2       | 0.6         |                    | D            |      |         |        |           |       |
| 1055 492x622x48 | ePM10 55% | 492x622x48            | 3000/70                         | 1.5       | 0.7         |                    | D            |      |         |        |           |       |
| 1055 492x592x48 | ePM10 55% | 492x592x48            | 2800/70                         | 1.5       | 0.7         |                    | D            |      |         |        |           |       |
| 1055 392x622x48 | ePM10 55% | 392x622x48            | 2400/70                         | 1.2       | 0.6         |                    | D            |      |         |        |           |       |
| 1055 392x492x48 | ePM10 55% | 392x492x48            | 1900/70                         | 1         | 0.5         |                    | D            |      |         |        |           |       |
| 1055 287x592x48 | ePM10 55% | 287x592x48            | 1700/70                         | 0.9       | 0.5         |                    | D            |      |         |        |           |       |
| 1055 592x592x96 | ePM10 55% | 592x592x96            | 3400/65                         | 2.5       | 1.2         | 1020               | D            | 3    | 3       | 15     | 14        | 55    |
| 1055 492x492x96 | ePM10 55% | 492x492x96            | 2400/65                         | 1.8       | 0.9         |                    | D            |      |         |        |           |       |
| 1055 492x622x96 | ePM10 55% | 492x622x96            | 3000/65                         | 2.2       | 1.1         |                    | D            |      |         |        |           |       |
| 1055 492x592x96 | ePM10 55% | 492x592x96            | 2800/65                         | 2.1       | 1           |                    | D            |      |         |        |           |       |
| 1055 392x622x96 | ePM10 55% | 392x622x96            | 2400/65                         | 1.7       | 0.9         |                    | D            |      |         |        |           |       |
| 1055 392x492x96 | ePM10 55% | 392x492x96            | 1900/65                         | 1.4       | 0.8         |                    | D            |      |         |        |           |       |
| 1055 287x592x96 | ePM10 55% | 287x592x96            | 1700/65                         | 1.2       | 0.7         |                    | D            |      |         |        |           |       |

Other dimensions are available on request - All dimensions are nominal