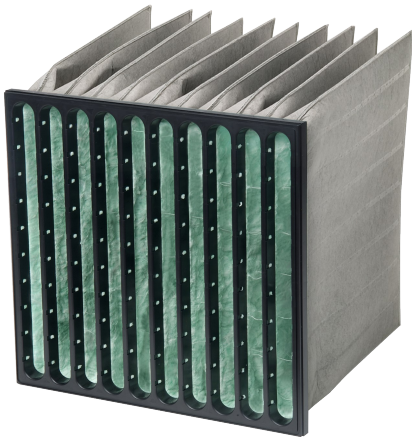




ADVANTAGES

- Can be used to upgrade existing installations
- Incinerable plastic header frame
- Classified according to ISO 10121-3
- “2-in-1” filtration solution; particulate and molecular.
- Removal of solid and gaseous contaminants in one filter stage
- Ideal for filtering low concentrations of most external and internal source pollutants

|                                        |                                                                                 |
|----------------------------------------|---------------------------------------------------------------------------------|
| Application                            | Particulate and molecular filter.                                               |
| Frame                                  | Plastic moulded                                                                 |
| Media                                  | Glass fiber/Activated carbon                                                    |
| Dimensions                             | Filter front dimensions according EN 15805                                      |
| Rec. final pressure drop acc. EN 13053 | Initial pressure drop + 100 Pa or initial pressure drop x3 (whichever is lower) |
| Max airflow                            | 1,25 x nominal flow                                                             |
| Max Temperature (°C)                   | 50°C                                                                            |
| Relative Humidity max                  | 70%                                                                             |
| Installation Options                   | Front and side access housings and frames are available                         |

| Type                | EN779 | ISO 16890 | Dimensions WxHxD (mm) | Airflow/pressure drop (m³/h/Pa) | Bags | Media area (m²) | Weight (kg) | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 | ISO 10121 Ozone | ISO 10121 SO₂ | ISO 10121 NO₂ | ISO 10121 Toluene |
|---------------------|-------|-----------|-----------------------|---------------------------------|------|-----------------|-------------|------|---------|--------|-----------|-------|-----------------|---------------|---------------|-------------------|
| 0160 287x592x640-5  | F7    | ePM1 60%  | 287x592x640           | 1700/85                         | 5    | 3,7             | 1,8         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 592x592x640-10 | F7    | ePM1 60%  | 592x592x640           | 3400/85                         | 10   | 7,5             | 3,5         | 62   | 62      | 71     | 71        | 90    | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 490x592x640-8  | F7    | ePM1 60%  | 490x592x640           | 2800/85                         | 8    | 6               | 2,8         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 592x490x640-10 | F7    | ePM1 60%  | 592x490x640           | 2800/85                         | 10   | 6,2             | 2,9         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 490x490x640-8  | F7    | ePM1 60%  | 490x490x640           | 2330/85                         | 8    | 5               | 2,4         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 592x287x640-10 | F7    | ePM1 60%  | 592x287x640           | 1700/85                         | 10   | 3,7             | 1,8         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 287x287x640-5  | F7    | ePM1 60%  | 287x287x640           | 800/85                          | 5    | 1,9             | 0,9         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 592x592x520-10 | F7    | ePM1 60%  | 592x592x520           | 3400/110                        | 10   | 6,1             | 3,1         | 62   | 62      | 71     | 71        | 90    | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 490x592x520-8  | F7    | ePM1 60%  | 490x592x520           | 2800/110                        | 8    | 4,9             | 2,5         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 287x592x520-5  | F7    | ePM1 60%  | 287x592x520           | 1700/110                        | 5    | 3               | 1,6         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 592x490x520-10 | F7    | ePM1 60%  | 592x490x520           | 2800/110                        | 10   | 5,0             | 3,1         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 490x490x520-8  | F7    | ePM1 60%  | 490x490x520           | 2330/110                        | 8    | 4               | 2           |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 592x287x520-10 | F7    | ePM1 60%  | 592x287x520           | 1700/110                        | 10   | 3               | 1,6         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0160 287x287x520-5  | F7    | ePM1 60%  | 287x287x520           | 800/110                         | 5    | 1,5             | 0,8         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0185 592x592x640-10 |       | ePM1 85%  | 592x592x640           | 3400/150                        | 10   | 7.5             | 3.5         | 87   | 87      | 91     | 91        | 98    | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0185 490x592x640-8  |       | ePM1 85%  | 490x592x640           | 2800/150                        | 8    | 6               | 2.8         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |
| 0185 287x592x640-5  |       | ePM1 85%  | 287x592x640           | 1700/150                        | 5    | 3.7             | 1.8         |      |         |        |           |       | vLD 20          | vLD 10        | vLD 20        | vLD 30            |

| Type                   | EN779 | ISO 16890   | Dimensions WxHxD<br>(mm) | Airflow/pressure drop<br>(m³/h/Pa) | Bags | Media area<br>(m²) | Weight<br>(kg) | ePM1 | ePM1min | ePM2,5 | ePM2,5min | ePM10 | ISO 10121<br>Ozone | ISO 10121<br>SO <sub>2</sub> | ISO 10121<br>NO <sub>2</sub> | ISO 10121<br>Toluene |
|------------------------|-------|-------------|--------------------------|------------------------------------|------|--------------------|----------------|------|---------|--------|-----------|-------|--------------------|------------------------------|------------------------------|----------------------|
| 0185<br>592x490x640-10 |       | ePM1<br>85% | 592x490x640              | 2800/150                           | 10   | 6.2                | 2.9            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>592x287x640-10 |       | ePM1<br>85% | 592x287x640              | 1700/150                           | 10   | 3.7                | 1.8            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>287x287x640-5  |       | ePM1<br>85% | 287x287x640              | 800/150                            | 5    | 1.9                | 0.9            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>490x490x640-8  |       | ePM1<br>85% | 490x490x640              | 2330/150                           | 8    | 5                  | 2.5            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>592x592x520-10 |       | ePM1<br>85% | 592x592x520              | 3400/185                           | 10   | 6.1                | 3.1            | 87   | 87      | 91     | 91        | 98    | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>490x592x520-8  |       | ePM1<br>85% | 490x592x520              | 2800/185                           | 8    | 4.9                | 2.5            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>287x592x520-5  |       | ePM1<br>85% | 287x592x520              | 1850/185                           | 5    | 3                  | 1.6            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>592x490x520-10 |       | ePM1<br>85% | 592x490x520              | 2800/185                           | 10   | 5                  | 3.1            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>592x287x520-10 |       | ePM1<br>85% | 592x287x520              | 1850/185                           | 10   | 3                  | 1.6            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>287x287x520-5  |       | ePM1<br>85% | 287x287x520              | 800/185                            | 5    | 1.5                | 0.8            |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |
| 0185<br>490x490x520-8  |       | ePM1<br>85% | 490x490x520              | 2330/185                           | 8    | 4                  | 2              |      |         |        |           |       | vLD 20             | vLD 10                       | vLD 20                       | vLD 30               |