

# DriPak<sup>®</sup> SX

## POCKET FILTER

### Features and Benefits

- ISO16890: ePM10, ePM2,5 and ePM1
- Innovative design with specially designed tapered pockets for optimum airflow
- Reduced pressure drop for lower energy use

### Applications

The air filter is designed for installation as pre- or final filtration in general air handling units for commercial and industrial applications.



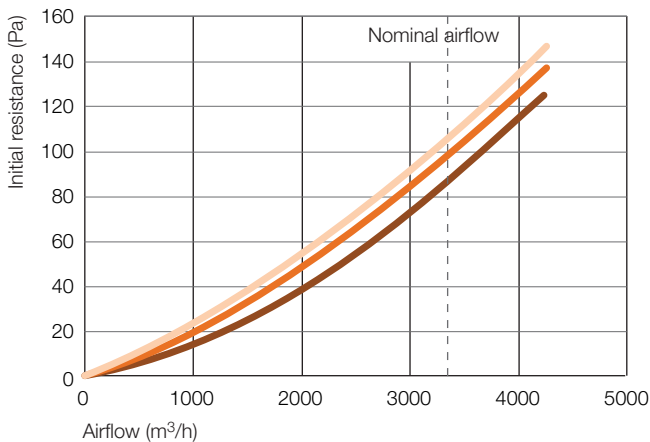
### Configurations

|                                   |  |
|-----------------------------------|--|
| <b>Filter media</b>               | Synthetic. Optional: Antimicrobial treated (only for ePM10 and ePM2,5)     |
| <b>Pocket design</b>              | Stitched, tapered - proprietary AAF Design                                 |
| <b>Gasket</b>                     | Optional   |
| <b>Header standard material</b>   | Galvanized Steel 25 mm.<br>Optional: Galvanized Steel 20 mm, Plastic 25 mm |
| <b>Max. Operating Temperature</b> | 70 °C  |
| <b>Recom. final pressure drop</b> | Subject to optimization of lifecycle costs, max 450 Pa                     |
| <b>Recom. airflow range</b>       | 75% - 125% (of nominal airflow)  |
| <b>Moisture resistance</b>        | 100% relative humidity   |

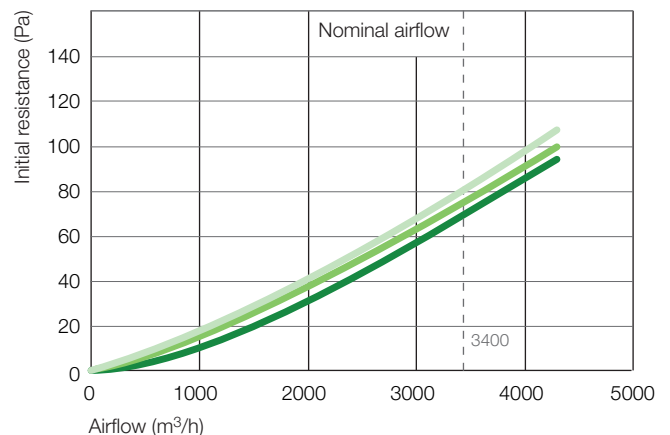
### Standard dimensions (Width x Height)

|                  |                 |           |           |           |         |           |
|------------------|-----------------|-----------|-----------|-----------|---------|-----------|
| <b>Dimension</b> | 592 x 592       | 490 x 592 | 287 x 592 | 592 x 490 | 592x287 | 287 x 287 |
| <b>Depth</b>     | 635 + 525 + 360 |           |           |           |         |           |
| <b># Pockets</b> | 6 + 8           | 5 + 6     | 3 + 4     | 6         | 6       | 3         |
| <b>Frame</b>     | Metal           |           |           |           |         |           |

### Performance DriPak SX ePM10 70% with 6 and 8 pockets



DriPak SX - ePM10 70% 592x592x360/6 pockets / ePM10 70% 592x592x525/6 pockets / ePM10 70% 592x592x635/6 pockets



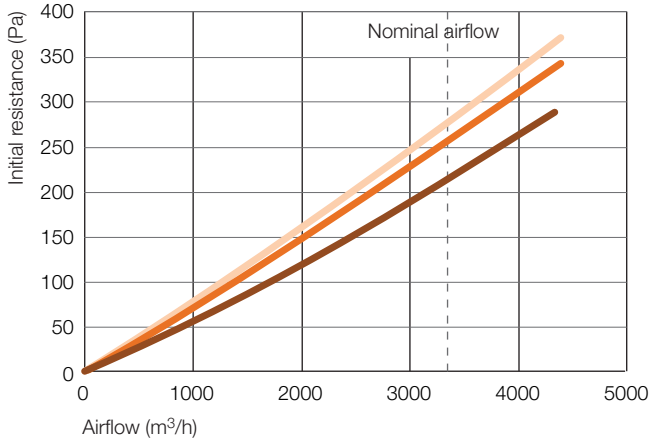
DriPak SX - ePM10 70% 592x592x360/8 pockets / ePM10 70% 592x592x525/8 pockets / ePM10 70% 592x592x635/ 8 pockets



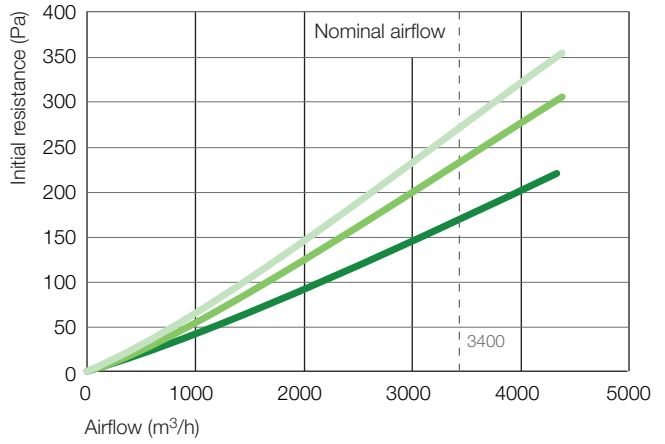
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# DriPak<sup>®</sup> SX Filter

## Performance ePM2,5 65% with 6 and 8 pockets

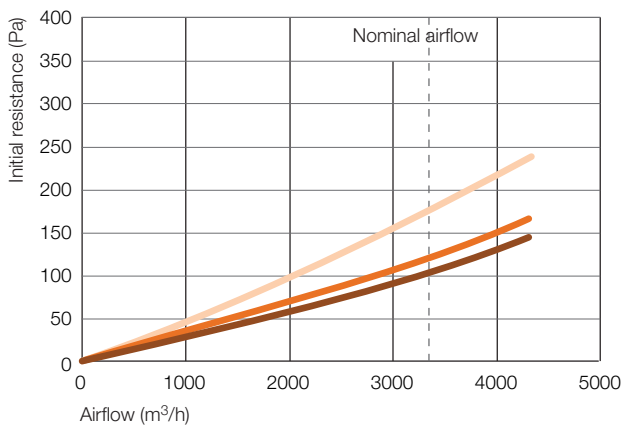


DriPak SX - ePM2,5 65% 592x592x360/6 pockets / ePM2,5 65% 592x592x525/6 pockets / ePM2,5 65% 592x592x635/6 pockets

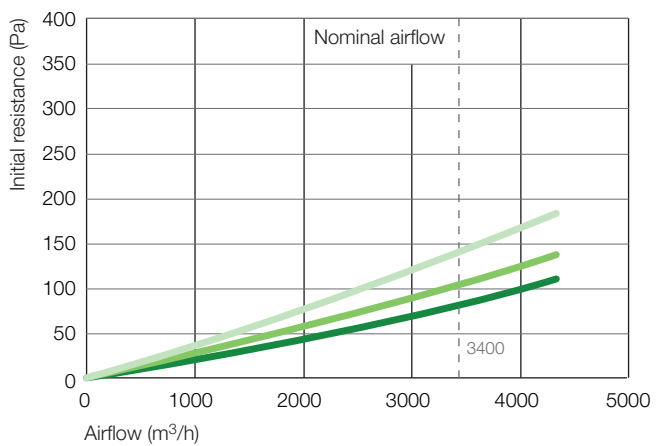


DriPak SX - ePM2,5 65% 592x592x360/8 pockets / ePM2,5 65% 592x592x525/8 pockets / ePM2,5 65% 592x592x635/ 8 pockets

## Performance ePM1 60% with 6 and 8 pockets



DriPak SX - ePM1 60% 592x592x360/6 pockets / ePM1 60% 592x592x525/6 pockets / ePM1 60% 592x592x635/6 pockets



DriPak SX - ePM1 60% 592x592x360/8 pockets / ePM1 60% 592x592x525/8 pockets / ePM1 60% 592x592x635/ 8 pockets

# DriPak® SX Filter

## Technical data

| Filter name          | Dimensions (mm)<br>592 x 592 x depth | Filter area (m <sup>2</sup> ) | Number of pockets | Initial dp (Pa)<br>@ 3400 m <sup>3</sup> /h | Prev. rated<br>EN779:2012 | Acc. to Eurovent<br>4/21:2018 |                  | ISO 16890<br>Classification | Average<br>values |            |           |
|----------------------|--------------------------------------|-------------------------------|-------------------|---|---------------------------|-------------------------------|------------------|-----------------------------|-------------------|------------|-----------|
|                      |                                      |                               |                   |   |                           | kWh                           | Energy<br>Rating |                             | ePM1 (%)          | ePM2,5 (%) | ePM10 (%) |
| DriPak SX ePM10 70%  | 635                                  | 4,3                           | 6                 | 90  | M6                        | > 1300                        | E                | ePM10 70%                   | 30                | 45         | 72        |
|                      | 525                                  | 3,6                           | 6                 | 100   | M6                        | > 1300                        | E                | ePM10 70%                   | 30                | 45         | 72        |
|                      | 360                                  | 2,4                           | 6                 | 110   | M6                        | > 1300                        | E                | ePM10 70%                   | 30                | 45         | 72        |
| DriPak SX ePM10 70%  | 635                                  | 5,8                           | 8                 | 70  | M6                        | > 1300                        | E                | ePM10 70%                   | 30                | 45         | 72        |
|                      | 525                                  | 4,7                           | 8                 | 75  | M6                        | > 1300                        | E                | ePM10 70%                   | 30                | 45         | 72        |
|                      | 360                                  | 3,2                           | 8                 | 80  | M6                        | > 1300                        | E                | ePM10 70%                   | 30                | 45         | 72        |
| DriPak SX ePM2,5 65% | 635                                  | 4,3                           | 6                 | 220   | F7                        | > 1950                        | E                | ePM2,5 65%                  | 60*               | 68         | 84        |
|                      | 525                                  | 3,6                           | 6                 | 265   | F7                        | > 1950                        | E                | ePM2,5 65%                  | 60*               | 68         | 84        |
|                      | 360                                  | 2,4                           | 6                 | 285   | F7                        | > 1950                        | E                | ePM2,5 65%                  | 60*               | 68         | 84        |
| DriPak SX ePM2,5 65% | 635                                  | 5,8                           | 8                 | 170   | F7                        | > 1950                        | E                | ePM2,5 65%                  | 60*               | 68         | 84        |
|                      | 525                                  | 4,7                           | 8                 | 230   | F7                        | > 1950                        | E                | ePM2,5 65%                  | 60*               | 68         | 84        |
|                      | 360                                  | 3,2                           | 8                 | 270   | F7                        | > 1950                        | E                | ePM2,5 65%                  | 60*               | 68         | 84        |
| DriPak SX ePM1 60%   | 635                                  | 4,3                           | 6                 | 110   | N/A                       | 1800                          | D                | ePM1 60%                    | 61                | 71         | 91        |
|                      | 525                                  | 3,6                           | 6                 | 125   | N/A                       | 2000                          | D                | ePM1 60%                    | 61                | 71         | 91        |
|                      | 360                                  | 2,4                           | 6                 | 180   | N/A                       | > 2050                        | E                | ePM1 60%                    | 61                | 71         | 91        |
| DriPak SX ePM1 60%   | 635                                  | 5,8                           | 8                 | 85  | N/A                       | 1320                          | C                | ePM1 60%                    | 61                | 71         | 91        |
|                      | 525                                  | 4,7                           | 8                 | 105   | N/A                       | 1500                          | D                | ePM1 60%                    | 61                | 71         | 91        |
|                      | 360                                  | 3,2                           | 8                 | 140   | N/A                       | > 2050                        | E                | ePM1 60%                    | 61                | 71         | 91        |

\* Note: ePM1 min < 50%

Further dimensions are available on request. From January 1st 2018 filtration efficiency values are certified according to ISO 16890.

DriPak® is a registered trademark of AAF International in the U.S. and other countries.



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