

## ERISPOL PE – ST

### V TYPE ABSOLUTE MINI PLEAT FILTERS



#### TYPICAL APPLICATIONS

Absolute air filtration in ventilation systems;  
 Hospitals  
 Food industries  
 Pharmaceutical industries  
 Thanks to the large filtering surface, the polyhedral filters have a longer clogging time and higher flow rate than standard deep folded filters

#### TECHNICAL CHARACTERISTICS

**MEDIA** = Glass fibre paper

**SEPARATORS** = Cotton threads with hot melt gluing.

**FRAME** = Galvanized steel with foldable handle

**SEALANT** = Two components cold moulded polyurethane.

**GASKET** = One piece gasket

**EFFICIENCY** =

| EUROVENT 4/4 FILTRATION CLASS |             |                           | CEN-EN 1822 FILTRATION CLASS |                                                |                                       |
|-------------------------------|-------------|---------------------------|------------------------------|------------------------------------------------|---------------------------------------|
| CODE                          | CLASS       | Initial Efficiency Ei %   | CLASS                        | Filters global efficiency % for MPPS particles | Local efficiency % for MPPS particles |
| <b>ST</b>                     | <b>EU13</b> | $99,99 \leq E_i < 99,999$ | <b>H13</b>                   | $\geq 99,95 \%$                                | 99,75 %                               |

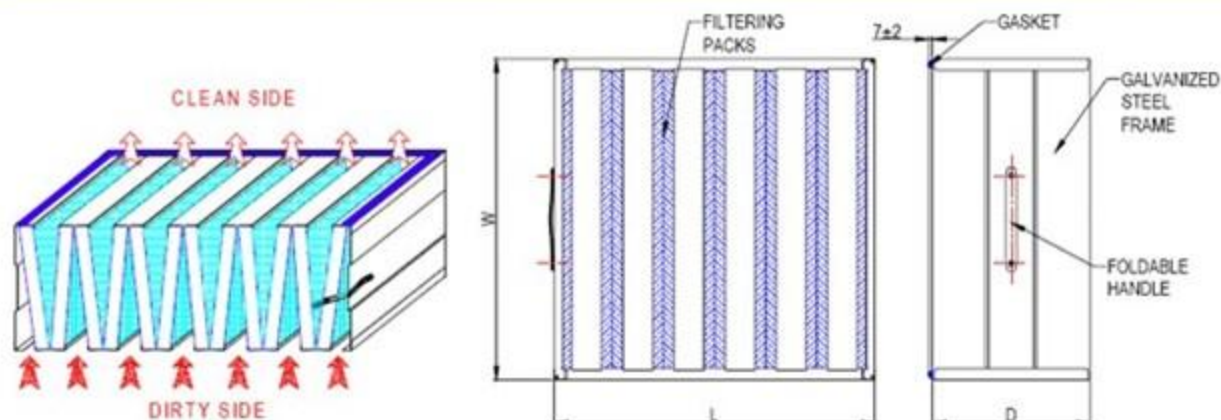
**TEMPERATURE** = 80°C max.

**RELATIVE HUMIDITY** = 100% max.

**TESTING** = Each filter supplied with individual test report

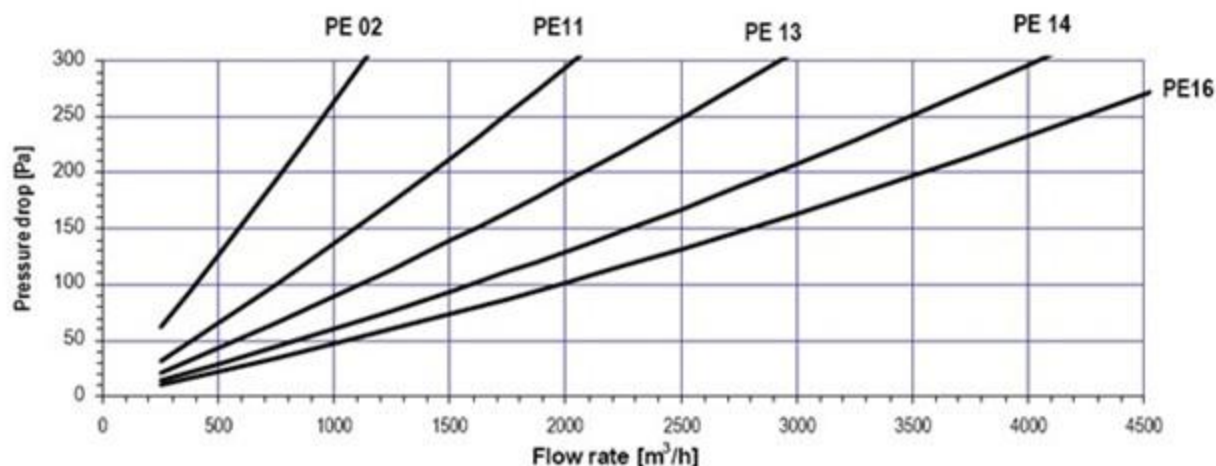
# ERISPOL PE-ST V TYPE ABSOLUTE FILTERS

## STANDARD SIZES



| CODE        | Dimensions<br>W x L x D<br>mm | Flow rate<br>m <sup>3</sup> /h | Filtering<br>surface<br>m <sup>2</sup> | Initial<br>pressure drop<br>Pa | Volume<br>m <sup>3</sup> | Weight<br>kg |
|-------------|-------------------------------|--------------------------------|----------------------------------------|--------------------------------|--------------------------|--------------|
| PE 02 ST 00 | 305 x 305 x 292               | 850                            | 9,0                                    | 250                            | 0,028                    | 7,50         |
| PE 11 ST 00 | 305 X 610 X 292               | 1700                           | 19,0                                   | 250                            | 0,055                    | 11,50        |
| PE 13 ST 00 | 457 X 610 X 292               | 2550                           | 28,0                                   | 250                            | 0,082                    | 16,50        |
| PE 14 ST 00 | 610 X 610 X 292               | 3400                           | 38,0                                   | 250                            | 0,110                    | 20,50        |
| PE 16 ST 00 | 610 X 762 X 292               | 4250                           | 47,0                                   | 250                            | 0,136                    | 29,00        |

Pressure drop as a function of the air flow rate



- ⇒ Recommended final pressure drop ≤ 600 Pa
- ⇒ Maximum final pressure drop ≤ 1000 Pa