

# Paint mist glass filter – PAVF SERIES

## PRODUCT DESIGN :

ペイントストップガラスフィルターメディアは、一般に、非常に細く、非常に弾力性があり、規則的なガラス繊維でできており、その密度は、空気取り入れ口から清浄空気側に向かって増加します。この進歩的な構造の結果として、これは高性能グラスファイバーフィルターの最も重要な特性です。

Paint stop glass filter media are generally made of extremely fine, very elastic and regular glass fibers, whose density increases from the air-intake-to the clean-air side. As a result of this progressive structure, which is the most important characteristic for a high-performance fiber glass filter.



## PRODUCT DESCRIPTION :

- F1-DIN 53438 Fire-retardant
- High efficiency protection of the motors as well as the exhaust duct
- Low pressure drop for saving of energy-cost due to a solid stability of the filter media
- Progressive density structure of the media for extremely long service life,

## APPLICATIONS :

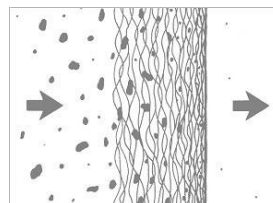
ペイントスプレーブース、ペイント生産ラインなどのフロアフィルターまたは排気フィルターとしてペイントミストアレスターに使用します。

Using for paint mist arrestor as floor filter or exhaust filter in paint spray booth, paint production line or other.

## FILTER CLASS :



## FEARURES :



## PERFORMANCE :

| MODEL      | EU Class | Average efficiency | Paint storage capacity | Thickness approx | Weight per unit area | Pressure Drop |
|------------|----------|--------------------|------------------------|------------------|----------------------|---------------|
|            | EN 779   | % Removal          | g/m <sup>2</sup>       | mm <sup>1</sup>  | g/m <sup>2</sup>     | Pa            |
| PAVF – 75  | G3       | 93-97%             | 3,500-4,700            | 50-75            | 250                  | 7-40          |
| PAVF - 100 | G3       | 98-99%             | 3,900-5,000            | 100              | 350                  | 14-60         |

## SPECIFICATION :

|                    |                                    |                            |                             |
|--------------------|------------------------------------|----------------------------|-----------------------------|
| Normal volume flow | 2,500 – 3,600 CMH / m <sup>2</sup> | Recommended final pressure | 250 Pa                      |
| Air velocity       | 0.7 – 1.75 m/s                     | Using temperature          | 100°C Max.180°C             |
| Regenerable        | No                                 | Incinerable                | UL900 Class1 / F1-DIN 53438 |

**Vilberg**  
THE ULTIMATE OF AIR FILTERS

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