



DEP 001

DEP 001 (Drift Eliminator Profile)

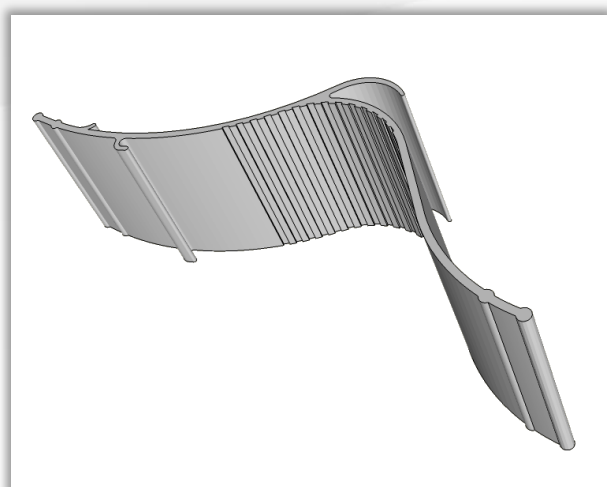
The drift eliminator DEP001 is a plastic (PP) extruded profile. Its specific design allows to separate the water drops carried by the air flux, which, by hitting against the profile, are concentrated and, due to the gravity force, brought downward.

Applications:

- ❖ Air Handling Units
- ❖ Industrial air treatment systems
- ❖ Scrubbers
- ❖ Gas Turbines Inlet Sections

Principal Advantages :

- ❖ Low Air Pressure Drop
- ❖ High Efficiency
- ❖ Easy handling and positioning thanks to its modularity
- ❖ Effective maintenance in all applications
- ❖ Corrosion Resistance
- ❖ Respect of Hygienic Laws and Requirements



Material Data Sheet:

	White PP	Grey PP
Max. Working Temperature	120 °C	120 °C
Storage Temperature	-10 ÷ 50 °C	-10 ÷ 50 °C
Color	RAL 9010	RAL 7035

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Working Principle

DEP 001 is used, with a 25 mm pitch assembling, for a air velocity range

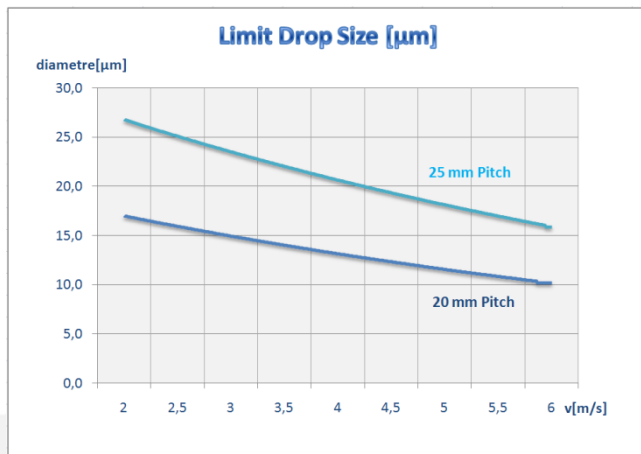
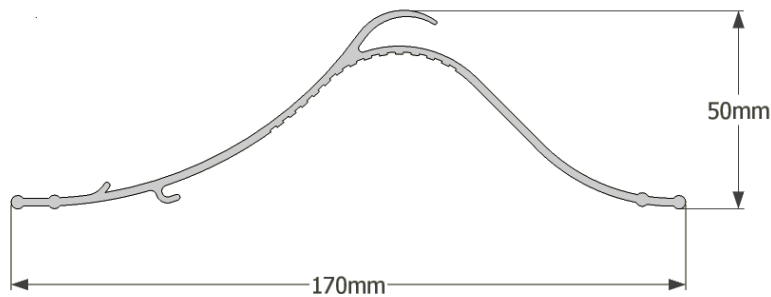
between 2 and 6 m/s and a drop size between 15 and 30 μm .

The recommended maximum height is 2,5 m; for higher sections we suggest to foresee an intermediate drainage basin.

Available Sizes

The DEP 001 profile has a standard length of 6000 mm; for quantities over 1000 m it's possible to have it in customized length⁺⁻

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Definition

the limit drop size is defined as the minimum equivalent drop diameter which can be separated from the air flux for a typical velocity.

