



# DES 130

**DES 130 (Drift Eliminator – S shape – 130 mm)** is a cellular drift eliminator obtained by the assembly of thermoformed PVC

### Design

The drift eliminator air travel height is 130 mm. The profile has 2 changes in direction, which allow to separate the water drops carried by the air flux.

### Applications:

- ❖ Evaporative Cooling Towers
- ❖ Gases and Fumes Abatement Columns , like Wet Scrubbers and Stripping Columns
- ❖ Painting Cabins
- ❖ Gas Turbines Inlet Sections

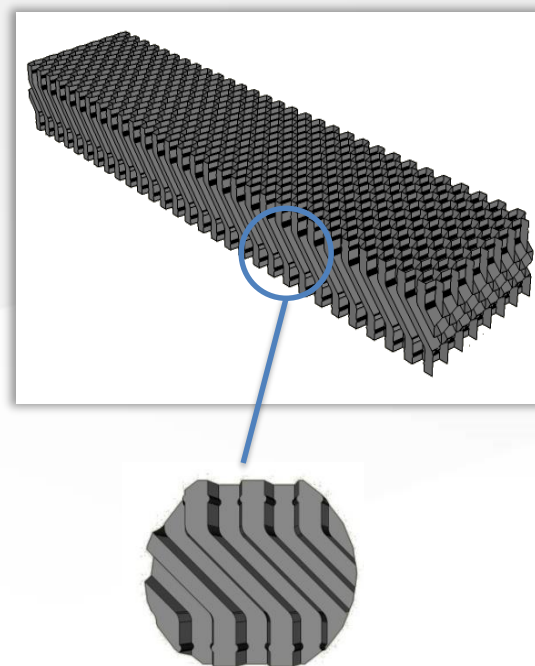
### Principal Advantages:

- ❖ Low Air Pressure Drop
- ❖ Mechanical Resistance
- ❖ Easy handling and positioning thanks to its modularity
- ❖ Effective maintenance in all applications

### PVC Characteristics:

The PVC used to make this fill media comply with the most restrictive standards, such as the CTI rule 136 and the ASTM E-84, presenting many advantages:

- ❖ Lightness, which allows an easy handling;
- ❖ Self-extinguishing and fire resistant (ASTM E-84);
- ❖ High mechanical resistance, in particular to compression;
- ❖ Resistance to the majority of chemicals and to the biological aggression;
- ❖ It is an hydrophilic material, this is why water forms a well distributed liquid film while flowing on it.



Drift Eliminator

### Working Temperature

Standard	High Temperature	Low Temperature
-5°C ÷ 60°C	-5°C ÷ 75°C	- 40°C ÷ 60°C



#### Available Sizes

Sheets sizes depend on the mould size and from the possibilities given by our thermoforming machines.

On request we can supply cut to size panels.

DES 130 be supplied both in pre-assembled panels and sheets to be assembled on site.

The latter option allow to optimize the freight volume and consequently to reduce the transport costs.

The assembly process can be chemical, using a solvent glue, which doesn't leave any residual in the finished product, or thermal, by welding.

Refill tech solutions can supply the suitable machines to make these operations

#### Standard Panels Sizes: L x W x H

1200 x 300 x 130 mm	1800 x 300 x 130 mm	2400 x 300 x 130 mm
1200 x 600 x 130 mm	1800 x 600 x 130 mm	2400 x 600 x 130 mm

#### Standard Sheets Sizes: L x H

1200 x 520 mm	1800 x 520 mm	2400 x 520 mm
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