



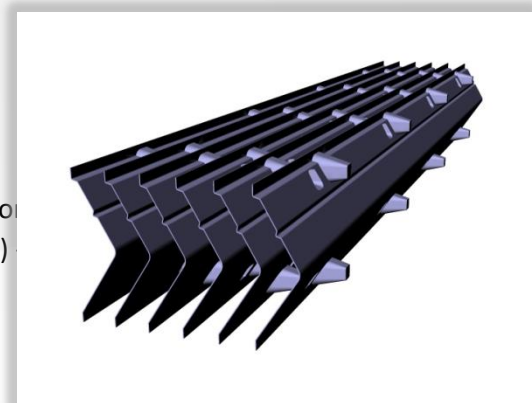
Blade

Blade Drift Eliminator – C shape

is a blade (also called vane type) drift eliminator obtained by the assembly of thermoformed PVC profiles, without the use of Spacers .

Design

This drift eliminator can be made with an air travel height of 190 or (on request)160 mm . The profile has curved shape, which provides 4 changes in direction and allow to separate the water drops carried by the air flux. Its special and unique design allow the assembly without the use of injection molded accessories, like connection. It can be supplied with 2 different spacing pitch: standard 38 mm (1" ½)



Applications:

- Evaporative Cooling Towers , in particular:
- Field Erected (Concrete, FRPP and others) ones
- Industrial Cooling Towers
- Mechanical and Natural Draft ones

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

Thermoformed
Profile Height

Standard Sheet Thickness

Material

Working Temperatures

38 mm	1000 micron (1 mm)	PVC	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. Blade can 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:

Width [mm]	300 - 600
Lenght [mm]	1000 - 1300 - 1600 - 1900 - 2200 - 2500
Height [mm]	190 (on request: 160)
Spacing :	38 mm (1" ½) (on request: 25 mm -1")

note: On request we can supply cut to size panels.

