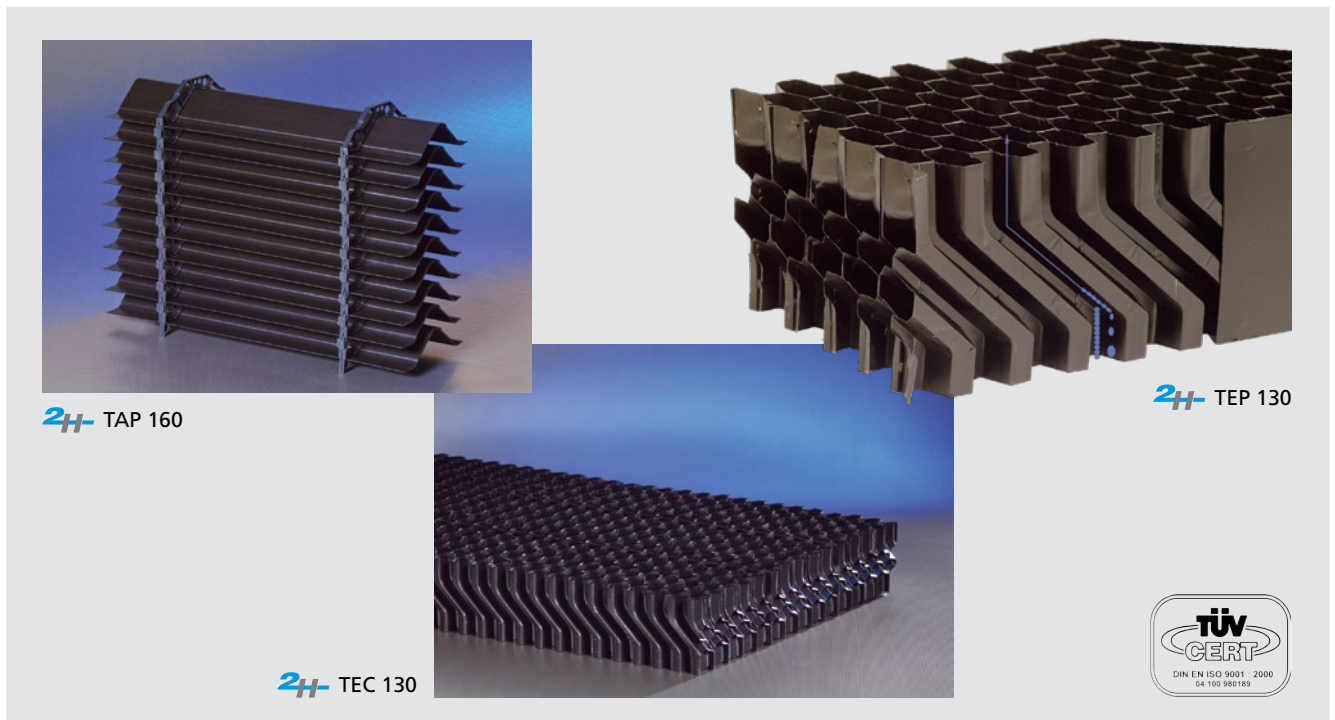


Product Profile

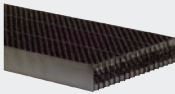


Drift Eliminators



- ✓ **High separation efficiency**
Due to product design
- ✓ **Low pressure drop**
- ✓ **No deformation under high temperatures**
Due to material properties of PP
- ✓ **Flexibility in dimensions**
Adaptable to plant requirements according to customer request
- ✓ **Long service life**
Due to chemical and UV resistance of PP and PVC

Drift Eliminators

Technical Data

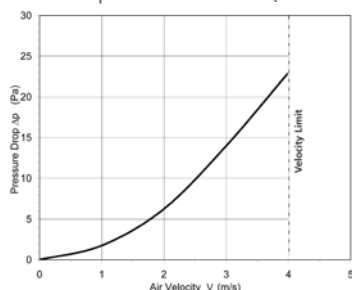
2H Type	TEP 130	TEC 130	TAP 160 with Spacer TAS 033
			
Material	PP	PVC	PP
Max. length [mm]	2400	2400	6000
Max. width [mm]	700	800	330
Height [mm]	125 / 250	125 / 250	160
Drift loss* [%]	≥ 0.002	≥ 0.002	≥ 0.005
Max. application temp. [°C]	75	55	75
Max. face velocity [m/s]	4.5 (see diagram)	4.5 (see diagram)	4.0 (see diagram)
Drag coefficient	2.2	2.2	2.6
Pitch [mm]	18	18	33 / 38
Max. distance between supports [mm]	1000	1000	1200
Additional information	Special designs: TEP 130 with additional stiffeners	Special designs: TEC 130 with additional stiffeners	Spacer: TAS 033 with 33 mm / 10 profiles per spacer TAS 738 with 38 mm / 7 profiles per spacer

*Based on the CTI ATC-140 test method (Isokinetic Drift Test Code). These limits are guidelines only. The performance of the drift eliminator is indicated by the ratio drift loss/water flow rate. The efficiency of droplet separation depends on constant air velocity and an absolutely tight assembly of drift eliminator elements.

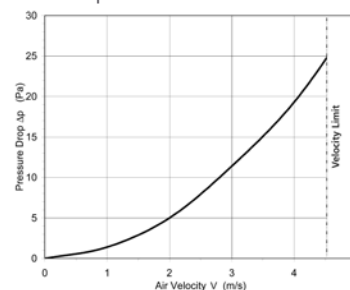
Typical Applications

Cooling	Small or medium sized cooling towers	Large site erected cooling towers
Mass Transfer	Scrubbers / Strippers	_____

Pressure Drop 2H-TAP 160 (with TAS 033)



Pressure Drop 2H-TEP 130 / 2H-TEC 130



General Remarks

Type:

TAP 160 is a profile type and TEP 130 and TEC 130 are cellular types.

High temperature applications:

Drift eliminators in high temperature version in PVC (up to 70 °C) and PP (up to 95 °C) available on request. Support distance should be decreased at higher service temperatures.

Flammability:

Products in flame retardant version according to American and European standards available on request. National regulations on fire protection should be taken into consideration before choosing a product.

Support structure:

Recommendation for optimum solution for each application available on request.

Max. tolerances:

On all dimensions +/- 20 mm or 2 %, whichever is the greater. Tighter tolerances by prior agreement.

This information has been put together with greatest care. However, any performance data given in this leaflet is subject to compliance with certain surrounding conditions and hence may vary from case to case. Further, we reserve the right to make changes at any time without notice. We strongly recommend (i) reconfirmation with GEA 2H whether this information is still fully valid, before using it for final designs and (ii) to verify performance data taking into account the actual surrounding conditions. GEA 2H takes no responsibility for any consequences due to non-compliance with these recommendations.



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