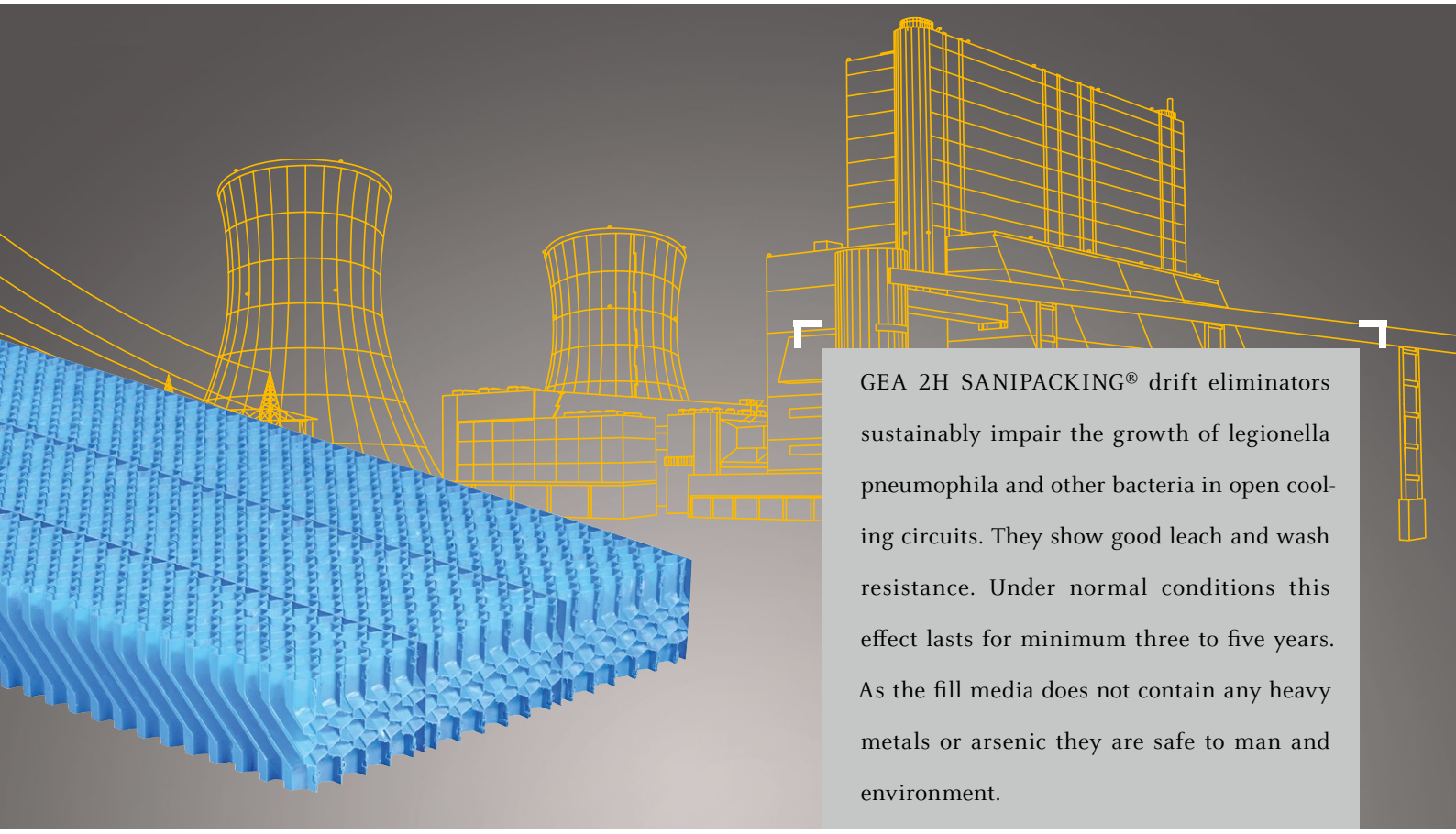
GEA 2H SANIPACKING® Drift Eliminators with HX-Factor

Anti-Legionella Drift Eliminators for Cooling Towers



GEA 2H SANIPACKING® drift eliminators sustainably impair the growth of legionella pneumophila and other bacteria in open cooling circuits. They show good leach and wash resistance. Under normal conditions this effect lasts for minimum three to five years. As the fill media does not contain any heavy metals or arsenic they are safe to man and environment.

GEA 2H SANIPACKING® drift eliminators are made of a special anti-bacterial PP compound. It has a lasting effect by disrupting the metabolic process of unwanted micro organisms at the cell wall level, thus interrupting their ability to function, grow and reproduce on the GEA 2H SANIPACKING® cooling installations.

Combined with regular maintenance and correct water treatment in the cooling circuit to prevent the formation of deposits and bacterial growth, GEA 2H SANIPACKING® drift eliminators serve to minimize the risk of infections with legionella diseases.

Our products have got the HX-Factor. It is our promise and stands for our unique competence in heat exchange (**HX** = **H**EAT E**X**CHANGE).

HX-Factors of our SANIPACKING® drift eliminators

- Prevents growth of Legionella pneumophila and other bacteria
- Durable effectiveness
- High separation efficiency
- High temperature resistance (PP)
- No deformation under direct sunlight
- No brittleness and no sharp edges
- Easy and economical installation

GEA 2H SANIPACKING® Drift Eliminators

Technical Data

	PP
Maximum length	2400 mm
Maximum width	700 mm
Height	125 or 250 mm
Weight	≈ 4 kg/m²
Continuous operating temperature	70 °C
Maximum operating temperature	80 °C

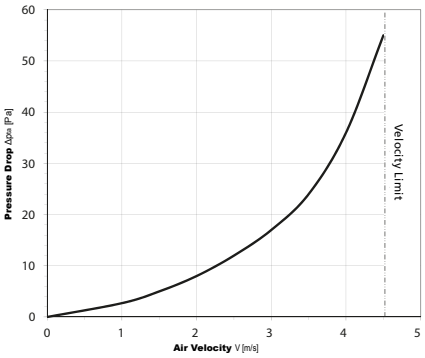
Maximum tolerances: On all dimensions +/- 20 mm or 2 % whichever is the greater. Tighter tolerances by prior agreement.

Types

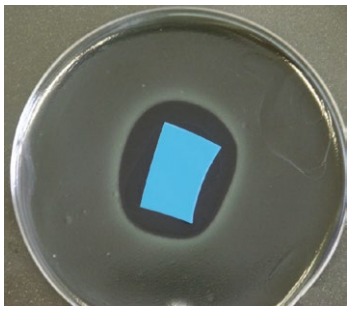
Type	Material	Drift loss* %	Maximum face velocity m/s	Max. distance between supports mm
TEP-SP 130	PP	≥ 0.0005 – 0.0007	4,5	1000

PP-material: Impact-resistant, environmentally friendly. Resistant to rot, fungi and most dissolved chemicals, UV-stabilized.

Pressure Drop GEA 2H SANIPACKING® TEP-SP 130



* 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.



GEA 2H SANIPACKING® in petri dish (Agar diffusion method, petri dish with Legionella pneumophila ATCC33152)

GEA 2H SANIPACKING® shows good effectiveness. On the plastic surface itself and in the area around the sample there is no growth of Legionella pneumophila.

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.

GEA Heat Exchangers

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