Counterflow-Plate Heat Exchanger Type GS
High efficiency – in Aluminium, PET or with Epoxy coating
Because of well known advantages, the Exchangers were made of seawater resistant aluminium right from the start. For an even higher degree of corrosion protection alternatively all GS models are also available with spray coating.

Tightness, hygiene, form stability and long product life circles are the basic principles behind the development of the Klingenburg Counterflow Heat Exchangers. As the requirements and challenges of the Heat Exchanger increase with the air volume, the plates of the GS 95, the GS 35, and in the big brother GS 110 are equipped with a double folded edge on the supply and return face side which results in five times the material thickness at the folded edge.

This ensures strengths, reliability and trust

Klingenburg Products set repeatedly new standards in the market. With our in-house machine technology and development department you can be assured that we work for your flexibility, today and tomorrow. Profit from new technology which becomes an essential part of your Air conditioning unit.

The high efficiencies of the GS exchanger have been confirmed with many tests. Leading air-conditioning manufacturers have certified their units using our GS exchanger.

Compatibility

The GS range of exchangers are compatible with the standard crossflow exchangers. These crossflow exchangers are used when the application needs higher air volumes.

This combination, the volume flow rate can be doubled with the same installation depth.

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Tightness, hygiene, form stability and long product life cycles are the basic principles behind the development of the Klingenburg Counterflow Heat Exchangers. As the requirements and challenges of the Heat Exchanger increase with the air volume, the plates of the GS 80, the GS 95 and of the big brother GS 110 are equipped with a double folded edge on the supply and return face side which results in five times the material thickness at the folded edge.

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Compatibility

The GS range of exchangers are compatible with the standard crossflow exchangers. These cold-side exchangers are used when the application needs higher air volumes.

With this combination, the volume flow rate can be doubled with the same installation depth.

Klingenburg Plastic Counterflow-Plate Heat Exchanger

With already ten sizes, we offer the largest range of Counterflow Plate Heat Exchangers on the market. In between the smallest model GS 16 from 20 m³/h (with a unit width of 100 mm), and the biggest model GS 110 up to 2000 m³/h (with a unit width of 500 mm) all requirements of the international markets can be met.