

Kühner galvanised heat exchangers Economical all-round protection

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A robust and economical material choice – the optimum combination of thermal conductivity and corrosion resistance.

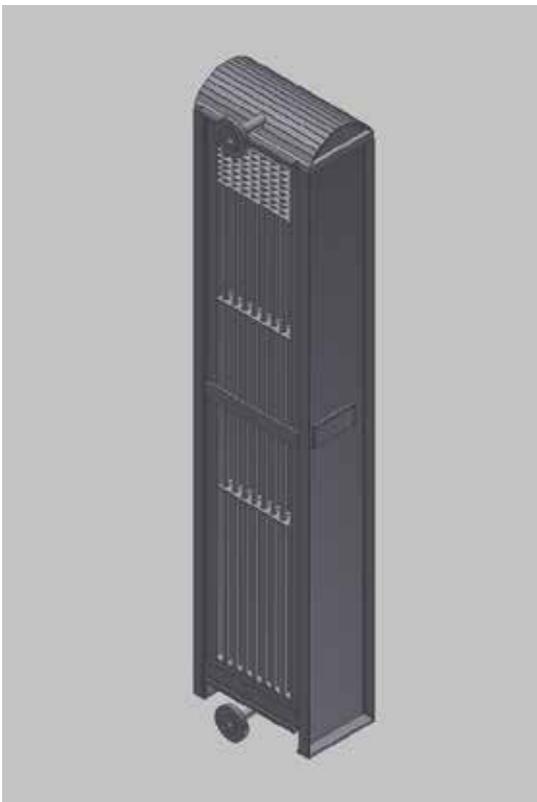
>> 02 Galvanised heat exchangers

Kühner heat exchangers made of steel are fully hot-dip galvanised for perfect all-round corrosion protection. The high strength and good temperature resistance of steel combined with full galvanising is

the technically and economically ideal solution when copper is no longer adequate and stainless steel is not yet required.

>> Kühner dries filter paper

Heat exchanger for steam and installation in a drying system



Fields of application

All applications where water, water-glycol mixtures, thermal oil or steam are used as the medium in the tubes.

Limitations of use

The average tube temperature should be $<250^{\circ}\text{C}$ since higher temperatures have a negative effect on galvanising. The average tube temperature is not the temperature in the tubes or the gas flow, but is calculated from these two temperatures.

Kühner improves burner efficiency

Heat exchanger for thermal oil to pre-heat burner supply air (air pre-heater).



Materials

Tubes and fins (if any) are made of steel, welded into bottoms and chambers. The entire unit is hot-dip galvanised.

This means galvanising is applied to the full surface of all components of the heat exchanger block. Housing made of galvanised sheet steel or coated steel. To ensure they are dimensionally stable, the housings are not hot-dip galvanised.

Implementation versions

Plain tube or finned tube, with various fin spacing. With housings of various gas tightness levels up to gas-tight. Installation with flange plates, installation with/in frames.



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