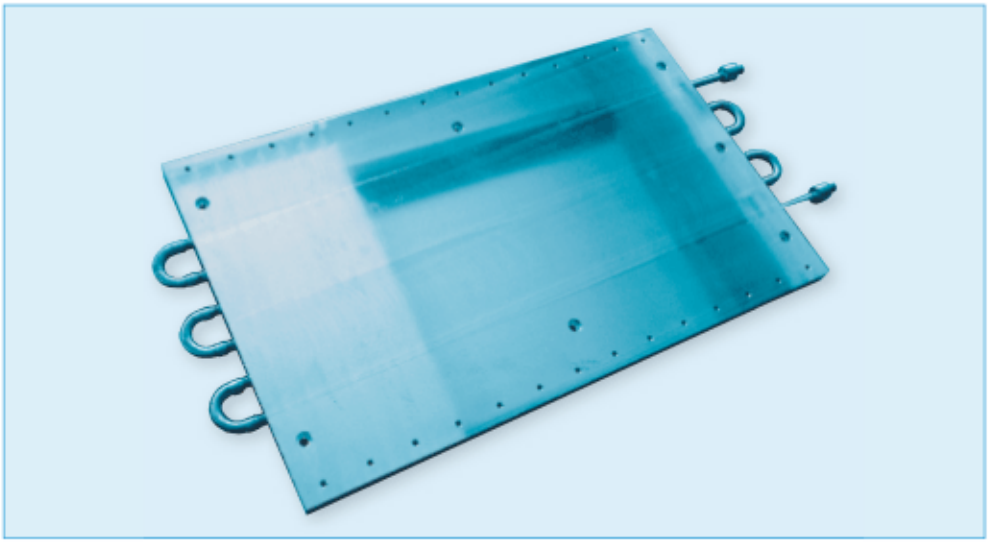
etronics

Liquid Cooling Plates

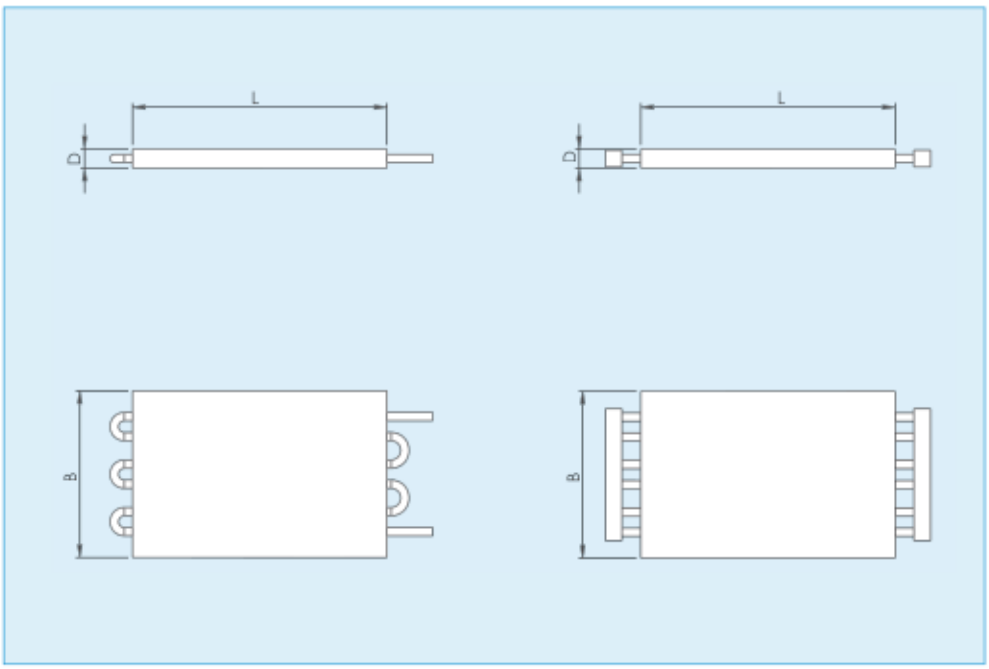
Water Cooled Heat Sinks

LIQUID COLD PLATES KP

Quality of water needs to be considered when using liquid cooling. As long as closed loop cooling circuits with continuous fluid control and well chosen materials will be used even deionised or demineralised water will not cause problems. But not all applications allow this strict control. Corrosion can result in leakage of the cooling system.
Therefore DAU has designed KP cooling system with joint free embedded copper or stainless steel tubes.
Advantage of this design is:
No glue or other interface material between tube and aluminum plate;
Extreme good thermal resistance in comparison with cooling plates with one side pressed in tubes.



Series KP will be supplied in different styles with different number of pipes and layouts.
Below are some examples.



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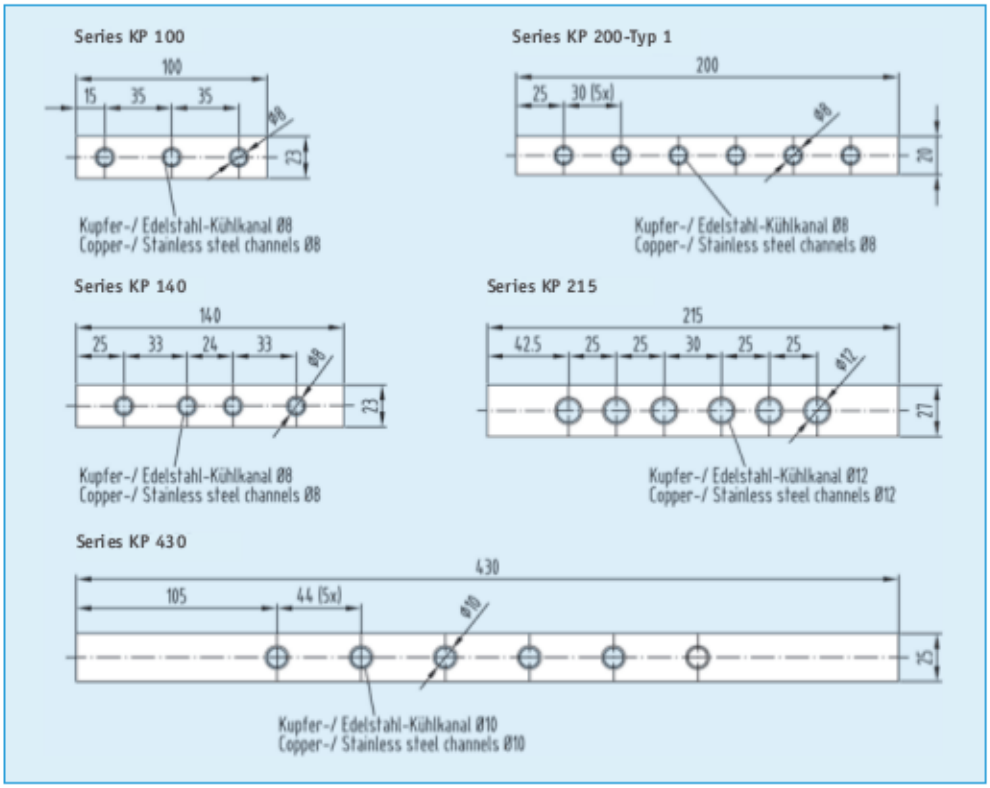
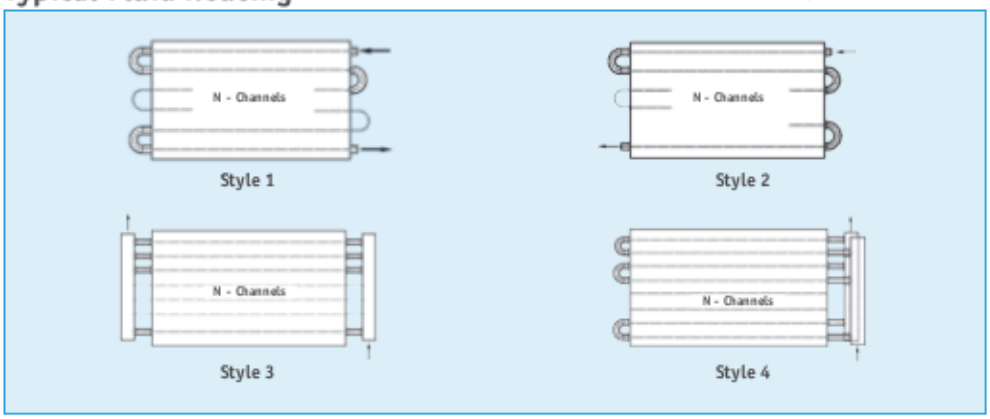
Available Standard Base Plates
Other dimensions on request



Typical Fluid Routing