



Ingenieurbüro für **optimierte** Wärmetauscher GmbH

# Heat exchanger questionnaire

Inquiry no.:

Order no.:

Ladies and Gentlemen,

The following data is required for the design and dimensioning of heat exchangers. Please fill in the questionnaire as completely as possible and return it to us by e-mail to **info@iow-gmbh.de**.

## Medium 1

Medium (e.g. water, oil, air, nitrogen etc.) or

Material values (density, heat conductivity, specific heat capacity, viscosity)

Inlet temperature [°C]

Outlet temperature [°C]

Volume flow or mass flow [l/min or kg/s]

Inlet pressure [bara or barg]

Maximum permissible pressure loss [bar]


## Medium 2

Medium (e.g. water, oil, air, nitrogen etc.) or

Material values (density, heat conductivity, specific heat capacity, viscosity)

Inlet temperature [°C]

Outlet temperature [°C]

Volume flow or mass flow [l/min or kg/s]

Inlet pressure [bara or barg]

Maximum permissible pressure loss [bar]


## General data (if available)

Max. permissible operating temperature [°C]

Max. permissible operating pressure [bar overpressure]

Capacity [kW]

Flow routing (single or multi-flow; medium 1 through/round the tubes)

Max. dimensions for the heat exchanger [m or mm]

Connections (flange, threaded)

Materials

Cooling water analysis
