

TECHNICAL QUESTIONNAIRE TO CALCULATE A PLATE HEAT EXCHANGER

Company _____ Project _____
 Contact _____ Reference no. _____
 Address _____ Date _____
 Quotation no. _____

1. Cooling capacity _____ kW

2. Temperature programme / pressure drop / flow rate

Primary (Oil) _____ > _____ °C _____ bar _____ l/min
 Secondary (Water) _____ < _____ °C _____ bar _____ l/min

3. Fluids

Only required if different from water or hydraulic oil

Primary (Oil)

Physical data to calculate on three different temperatures

Reference temperature _____ °C
 Density _____ kg/m³
 Specific heat capacity _____ kJ/kg*K
 Viscosity _____ cSt

Secondary (Water)

Physical data to calculate on three different temperatures

Reference temperature _____ °C
 Density _____ kg/m³
 Specific heat capacity _____ kJ/kg*K
 Viscosity _____ cSt

4. Operation data

Max. operation pressure _____ bar
 Max. operation temperature _____ °C

5. Sealing

Brazed or sealed (Material) _____

6. Plate material

AISI316 or _____

7. Further information