

Alfa Laval Sanitary Equipment



REQUEST FOR HEAT EXCHANGER CALCULATION

- MULTI SECTION

Quotation number _____
Item number _____
Alternative _____

Fill in relevant Information

	Product	Heating media	Cooling media
Fluid	*	*	*
Flow rate [kg/h]	*		
Inlet temp. [°C]	*		*
Past. Temp [°C]	*		
Outlet temp. [°C]	*		
Pressure drop [kPa]			

* Mandatory

If pasteurize: Requested regeneration percent; ___%

Separator: Yes No. How much skimming, ___%
Homogenize: Yes No

If special fluid: Fill in as much as possible (at three different temperatures) and describe in words what the product looks like, does it contain any particles or fibers, is it non Newtonian?

	T ₁	T ₂	T ₃
Temperature [°C]			
Density, ρ [kg/m ³]			
Spec. heat, C _p [kJ/kg*K]			
Th. Conductivity, λ [W/m*K]			
Viscosity, η [mPa*s] = [cP]			

Mechanical configuration:

Frame: Stainless Painted
 Connection: SMS Clamp DIN Other
 Working pressure [bar] 6 bar 10 bar 16 bar 21 bar Other
 Spanner: Yes No
 Approval: PED Other
 Anything else:

Make a sketch, or describe it, of where you want inlets and outlet and send it with this request.