Alfa Laval
Sanitary Equipment

**REQUEST FOR HEAT EXCHANGER CALCULATION
- SINGLE SECTION**

Fill in relevant Information

	Product	Media
Fluid [description]	*	
Flow rate [kg/h]	*	
Temperature in [°C]	*	
Temperature out [°C]	*	
Pressure drop [kPa]		

* Mandatory

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]			

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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			

Extra:

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