

HEAT EXCHANGER ENQUIRY FORM

To enable us to repond - please provide the following information:

Name:

Company Name:

Telephone No.:

Email Address:

Process Data: Cooling Heating

Rheology of Process Fluid: Newtonic Non-Newtonic

Heat of Reaction (kW): Normal

Heat of Evaporation (J/kg): Normal

Heat Capacity (kW): Normal

PROCESS FLUID			
PARAMETER	UNIT	INLET	OUTLET
Name of Fluid		<input style="width: 150px;" type="text"/>	<input style="width: 150px;" type="text"/>
Flow Total	kg/hr	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Liquid Part	kg/hr	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Vapour Part	kg/hr	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Temperature	°C	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Density	kg/M ³	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Viscosity (FI)	mPa.s	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Viscosity (at T Wall)	mPa.s	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Specific Heat	J/kgK	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Heat Conductivity	W/mK	<input style="width: 60px;" type="text"/> Normal	<input style="width: 60px;" type="text"/> Normal
Pressure (Inlet)	bar(a)	<input style="width: 60px;" type="text"/> Normal	
Pressure Drop (Allow)	bar	<input style="width: 60px;" type="text"/> Normal	
Fouling		<input style="width: 150px;" type="text"/>	<input style="width: 150px;" type="text"/>

SERVICE FLUID			
PARAMETER	UNIT	INLET	OUTLET
Name of Fluid		<input type="text"/>	<input type="text"/>
Flow Total	kg/hr	<input type="text"/> Normal	<input type="text"/> Normal
Liquid Part	kg/hr	<input type="text"/> Normal	<input type="text"/> Normal
Vapour Part	kg/hr	<input type="text"/> Normal	<input type="text"/> Normal
Temperature	°C	<input type="text"/> Normal	<input type="text"/> Normal
Density	kg/M ³	<input type="text"/> Normal	<input type="text"/> Normal
Viscosity (FI)	mPa.s	<input type="text"/> Normal	<input type="text"/> Normal
Viscosity (at T Wall)	mPa.s	<input type="text"/> Normal	<input type="text"/> Normal
Specific Heat	J/kgK	<input type="text"/> Normal	<input type="text"/> Normal
Heat Conductivity	W/mK	<input type="text"/> Normal	<input type="text"/> Normal
Pressure (Inlet)	bar(a)	<input type="text"/> Normal	
Pressure Drop (Allow)	bar	<input type="text"/> Normal	
Fouling		<input type="text"/>	<input type="text"/>

MECHANICAL DATA 1:			
PARAMETER	UNIT	PROCESS FLUID	SERVICE FLUID
Design Pressure	bar(a)	<input type="text"/> Normal	<input type="text"/> Normal
Design Temperature	°C	<input type="text"/> Normal	<input type="text"/> Normal
Material of Construction		<input type="text"/>	<input type="text"/>
Corrosion Allowance	mm	<input type="text"/> Normal	<input type="text"/> Normal
Nozzle Inlet / Outlet (Type & Size)		<input type="text"/>	<input type="text"/>
Nozzle Drainage / Venting (Type & Size)		<input type="text"/>	<input type="text"/>

MECHANICAL DATA 2:			
PARAMETER			
Orientation & Support	<input type="radio"/> Horizontal	<input type="radio"/> Vertical	<input type="radio"/> Legs/Supports
Type of Heat & Exchanger	<input type="radio"/> Single Pipe	<input type="radio"/> Shell & Tube	<input type="radio"/> MR
Assembly of Mixing Elements	<input type="radio"/> Removable	<input type="radio"/> Non-Removable	
Max. Total Size of Heat Exchanger (mm)	<input type="text"/> Length	<input type="text"/> Diameter	

Comments / Additional information