Heat Exchanger Sizing and Quote Form

Contact Information

Name		Position	
Address			
Email		Phone/Fax	
Quantity		ETA Required by	
Project			

Design Parameters of Your Application

	Primary Side	Secondary Side
Fluid Type:		
Entering Fluid Temperature (°C):		
Leaving Fluid Temperature (°C):		
Condensing Temperature (°C):		
Evaporation Temperature (°C):		
Flow Rate:		
Permitted Pressure Drop:		
Design Pressure: Load		

Condensing temperature or evaporation temperature is respectively required if heat exchanger served as condenser or evaporator

Required Parameters of Fluids

Fluid	Liquid Phase			Vapour Phase		
Temperature Range (°C)						
Temperature (°C)						
Density (kg/m3)						
Specific Heat Capacity (kJ/(kg*K)						
Thermal Conductivity (W/(m*K)						
Viscosity # (cP)						
Consistency Index & (Pa*s^n)						
Flow Behaviour & (n)						

\# is required for One Phase Newtonian Fluids, One Phase Gases, Two Phase Fluids and Two Phase Profile Fluids
& is required for One Phase Non-Newtonian Fluids
Two Phase Fluids and Two Phase Profile Fluids need input Liquid Phase Data and Vapour Phase Data