

Application Guide - Sentry Heat Exchanger

Customer Data

Date:	Company Phone:
Company:	Company Address:
Contact Name:	City, State, ZIP:
E-mail:	Country:

Project Information:

Project Name:

End Use Destination:

Pricing:	Budgetary	Firm
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General Application Data

Sample (Tubeside)

Name	Steam	Water	Other	
Inlet Temperature	Fahrenheit	Celsius		
Outlet Temperature	Fahrenheit	Celsius		
Flow Rate	GPM	cc/min	LPH	
Inlet Pressure	Absolute	Gauge & PSI/Bar		Other
Max Pressure Drop	PSI	Bar	Other	Other

Utility Fluid (Shellside)

Name	Steam	Water	Other	
Fluid Inlet Temperature	Fahrenheit	Celsius		
Fluid Flow Rate	MFG Rec.	GPM	cc/min	LPH Other
Fluid Pressure	Absolute	Gauge & PSI/Bar		Other
Fluid Max Pressure Drop	PSI	Bar	Other	

Please continue on the next page

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Fluid Properties (Please only fill in if the Sample/Cooling fluid is NOT water or steam)

SAMPLE FLUID

COOLING FLUID

Temperature

Fahrenheit

Celsius

Density

Lb/ft³

kg/m³

Specific Heat

BTU/(lbm-F)

KJ/(kg-K)

Thermal Conductivity

BTU/(hr-ft-F)

W/(m-K)

Viscosity

cps

Phase L V | L V | L V | L V | L V | L V

Material Requirements

Tube Side 316 SS Hastelloy C Alloy 625 (Inconel) Other

Shell Side 304 SS 316 SS Alloy 625 (Inconel) Other

Feature Requirements

Special Connection Type(s)

Special Documentation Requirements

Sentry Equipment Corp

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