



Shell & Tube Application Request

(For liquid to liquid heat exchangers)

Please fill out form as completely as possible. Fax completed form to 1-847-731-1010

[Contact Name _____] Telephone _____] Date _____

[Company Name _____] Fax _____

[Address _____] Email _____

Hot Side

Cold Side

[1. Fluid Type _____]

[6. Fluid Type _____]

Helpful information if available [a) Specific Gravity _____]

Helpful information if available [a) Specific Gravity _____]

[b) Viscosity _____]

[b) Viscosity _____]

[c) Conductivity _____]

[c) Conductivity _____]

[d) Specific Heat _____]

[d) Specific Heat _____]

[2. Flow Rate _____]

[7. Flow Rate _____]

[3. Temperature In _____]

[8. Temperature In _____]

[4. Desired Temperature Out _____]

[9. Temperature Out _____]

[5. Heat Load _____]

Location of Heat Exchanger in System
(check one)

- Return Line
- Off Loop (Kidney Loop)
- Other (specify) _____

Number of units allowable for application
 Single unit Two or more units (in series or parallel)

Maximum Allowable Pressure Drop

[Material or Series Requirements _____]

[Hot Side _____] [Cold Side _____]

[10. Comments _____]

1. Fluid Type - Specific type of fluid to be cooled (such as hydraulic or lubrication oil).
2. Flow Rate - The rate of flow of the fluid to be cooled (such as GPM (gallons per minute)).
3. Temperature In - The temperature of the incoming hot fluid entering the heat exchanger.
4. Desired Temperature Out - The temperature of the exiting cooled fluid from the heat exchanger.
5. Heat Load - The amount of heat to be removed from the hot liquid (such as HP (horse power), Btu/hr.)
6. Fluid Type - Specific type of fluid used for cooling the hot fluid (such as water).
7. Flow Rate - The rate of flow of the fluid used for cooling (such as GPM (gallons per minute)).
8. Temperature In - The temperature of the incoming cold fluid entering the heat exchanger.
9. Temperature Out - The temperature of the heated cold fluid exiting the heat exchanger.
10. Comments - Please fill in any additional information that would assist in sizing the heat exchanger.