**HEAT EXCHANGER**

**Design Questionnaire**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | 6/14/2018 | | Company |  |
| Site |  | | Address |  |
| Contact |  | | Phone |  |
| Title |  | | Fax |  |
| Email |  | Fluid Type: | | |

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Hot Fluid** | **Units of Measure** | **Cold Fluid** |
| Temperature – Inlet |  | F |  |
| Temperature – Outlet |  | F |  |
| Flow Rate through the heat exchanger/cooler |  | GPM |  |
| Maximum permissible pressure drop |  | psig |  |
| Maximum working pressure |  | psig |  |

**If fluid is not common, please fill in the following:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Properties @ temperature | **Hot Fluid** | | | **Cold Fluid- COOLING WATER** | | |
| **T1=** | **T1=** | **T2=** | **T3=** | **T2=** | **T3=** |
| Density,  lb/ft3 (Kg/m3) |  |  |  |  |  |  |
| Specific Heat,  Btu/lbm-F  (KJ/Kg-°K) |  |  |  |  |  |  |
| Thermal Cond.,  Btu/ht-ft-F  (W/M-°K) |  |  |  |  |  |  |
| Viscosity,  cp |  |  |  |  |  |  |

**Nature of solids in fluid (i.e. silt, fiber, powder, etc.):** **N/A**

Sentry Equipment Corp | 966 Blue Ribbon Circle North | Oconomowoc, WI 53066 U.S.A.

+1-262-567-7256 | **sentry-equip.com**

**Preferred Materials:**

**Tube Side:**  Standard  Other   
**Shell Side:**  Standard  Other

**Additional Information:**

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