



Evaluation Questionnaire

Today's Date: _____
Requested Quotation Date: _____ Type of Pricing: Budget / Firm (circle one)

Customer Information :

Company Name: _____ City: _____ State: _____
Customer Name: _____ Project Name: _____
Office Phone: _____ Mobile Phone: _____
Email: _____

Product Application Goal: (circle all that apply)

- 1) Maintain process temperature at _____ °F / °C (typically liquid applications)
 - Upper Limit Temperature: _____ °F / °C
 - Lower Limit Temperature: _____ °F / °C
- 2) Maintain wall temperature above: _____ °F / °C
- 3) Melt/Heat up the process from _____ °F / °C to _____ °F / °C in _____ hours
 - Additional Application Information:

Process details:

- Name of process: _____ (Vapor or Liquid)
- At what temperature does the process enter the tank? _____ °F / °C
- Density (lb/ft³): _____
- Viscosity (Cp): _____
- Specific Heat (BTU/lb F): _____
- Thermal Conductivity (BTU/hr ft °F): _____
 - For Melt-out only: Cp Solid: _____ BTU/lb F, Latent HoF: _____ BTU/lb, Solid Density: _____ lb/ft³

Tank Information (If other than field erected, ground mounted tank, please send drawing):

- Tank/Vessel Diameter: _____ ft, Height: _____ ft
- Tank Wall Material: _____, Wall thickness: _____ inches,
- Roof Design (flat, cone, elliptical, other): _____
- Is there Sweep Air designed into the airspace? (Yes / No) , Flow Rate: _____ (cfm)
- Liquid Level: Minimum: _____ ft, Maximum: _____ ft
- Insulation Type: _____, Thickness: _____

Internal Coil Specifications (QMax can specify and supply if desired):

- Coil Size (standard is 2 inch): _____
- Material of Construction (standard is Sch. 40 Carbon Steel): _____

Heating Medium Details: (please note if using superheated steam and indicate temperature)

- Type of Heating Medium (Steam, Hot Oil, Water, other): _____
- Operating Pressure: _____ psig/bar, Operating Temperature: _____ °F / °C,
- Design Pressure: _____ psig/bar, Design Temperature: _____ °F / °C,
- Flow Rate (if liquid): _____ lb/hr

Ambient Conditions:

- Minimum Ambient Temperature: _____ °F / °C, Maximum: _____ °F / °C
- Maximum Wind Speed: _____ MPH
- Is it acceptable for Aluminum to come in contact with the process? (Yes / No)