



Customer Reference #: \_\_\_\_\_

Omega Quote #: \_\_\_\_\_

### Heat Transfer Sizing Request Form

Company: \_\_\_\_\_

Date: \_\_\_\_\_

Request By: \_\_\_\_\_

Need By: \_\_\_\_\_

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**Tank Information:** Capacity: \_\_\_\_\_ Gallons Open Top: YES / NO

Rectangular Tank: Width: \_\_\_\_\_ Length: \_\_\_\_\_ Height: \_\_\_\_\_

Round Tank: Diameter: \_\_\_\_\_ Height: \_\_\_\_\_

Head Type: \_\_\_\_\_

Insulation Thickness: \_\_\_\_\_ Inches If Agitated – Mixer Size: \_\_\_\_\_ HP

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### Product Information:

Description: \_\_\_\_\_

Specific Weight: \_\_\_\_\_ Specific Heat: \_\_\_\_\_

Viscosity: \_\_\_\_\_ Cp Thermal Conductivity: \_\_\_\_\_

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### Utility Information (Jacket Substance):

Water: Temp: \_\_\_\_\_ °F

Glycol: Type: \_\_\_\_\_ Percentage: \_\_\_\_\_% Temp: \_\_\_\_\_ °F

Steam: Pressure: \_\_\_\_\_ PSI / Temp: \_\_\_\_\_ °F

Other: Type: \_\_\_\_\_ Temp: \_\_\_\_\_ °F

Specific Weight: \_\_\_\_\_ Specific Heat: \_\_\_\_\_

Viscosity: \_\_\_\_\_ Cp Thermal Conductivity: \_\_\_\_\_

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### Process Information:

Product Starting Temp: \_\_\_\_\_ °F Product Ending Temp: \_\_\_\_\_ °F

Time Allowed For Process: \_\_\_\_\_ Ambient Temp: \_\_\_\_\_ °F ( Inside / Outside )