



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

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

### Heat Transfer Sizing Request Form

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

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

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#### Tank Information:

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

**Round Tank:** Diameter: \_\_\_\_\_ Height: \_\_\_\_\_ Liquid Level: \_\_\_\_\_

**Bottom Head Type:** \_\_\_\_\_ **Open Top:** YES / NO

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

**Capacity:** \_\_\_\_\_ (Gallons) **Ambient Temp:** \_\_\_\_\_ (°F) Inside / Outside

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#### Product Information:

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

Specific Weight: \_\_\_\_\_ (Lb/Gal) Specific Heat: \_\_\_\_\_ (BTU/Lb °F)

Viscosity: \_\_\_\_\_ (Cp) Thermal Conductivity: \_\_\_\_\_

**Product Starting Temp:** \_\_\_\_\_ (°F) **Product Ending Temp:** \_\_\_\_\_ (°F)

**Time Allowed For Process:** \_\_\_\_\_

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#### Medium (Jacket Substance):

**Water:** Temp: \_\_\_\_\_ (°F)

**Glycol:** Type: \_\_\_\_\_ Percentage: \_\_\_\_\_ % Temp: \_\_\_\_\_ (°F)

**Steam:** Pressure: \_\_\_\_\_ (PSI) / Temp: \_\_\_\_\_ (°F)

**Other:** Type: \_\_\_\_\_ Temp: \_\_\_\_\_ (°F)

Specific Weight: \_\_\_\_\_ (Lb/Gal) Specific Heat: \_\_\_\_\_ (BTU/Lb °F)

Viscosity: \_\_\_\_\_ (Cp) Thermal Conductivity: \_\_\_\_\_