

OMEGA



THERMO PRODUCTS

Customer Reference #: _____

Omega Quote #: _____

Heat Transfer Sizing Request Form

Company: _____ **Date:** _____

Request By: _____ **Need By:** _____

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

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: _____

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: _____