



Thermal & Process Sales, Inc.

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WATER HEATED JACKETED VESSEL APPLICATION DATA SHEET

Data Furnished by:

From: Company Address City State Zip Name: Position: Phone Date

HYDROHEATER SIZE WILL BE BASED ON THE FOLLOWING DATA:

FILL IN YOUR UNITS: i.e., psig, kg/cm2, EC, EF, bars, KPA, Imp. gpm, gpm, liters/min., lbs./hr., kg/hr., etc.

Vessel glass lined Stainless steel or steel lined Vessel Capacity (Units) Product heat sensitive yes no Reaction endothermic only endothermic and exothermic

JACKET WATER

Flow rate (Units) Water recirculated Single pass Starting Temperature EC or EF Discharge Temperature EC or EF Pressure at Hydroheater (Units) Discharge Pressure Required (Units) Water Volume in Jacket (Units)

STEAM SUPPLY: (At Hydroheater location)

Pressure (Units) Temperature Quality % Maximum Available Flow Rate (Units) Pipe Size (Units)

HYDROHEATER MATERIAL OF CONSTRUCTION: Ductile Iron Stainless Steel

Other

Control System

For heating and cooling applications a cascade temperature control system is required. A single temperature controller can only be used where the product is heated to a preset temperature without holding.