

DELTA T SYSTEMS

Tank/Jacketed Vessel Sizing Sheet

Tank Configuration

Insulated

Covered

Agitated

Radius_(in) _____ Height_(in) _____ Capacity_(gal) _____

Is There any Water Driven Off? (%) _____

Temperature Control Usage

Step	Type	Initial Temp	Final Temp	Time Span
1	Heat/Cool			
2	Heat/Cool			
3	Heat/Cool			

Cooling Circuit:

Open (Direct Inject) Closed (Heat Exchanger)

Supply Water (F/PSI):

Temp: _____ / Pressure: _____

Size of Ports in Jacket:

In: _____ / Out: _____

Power (Phase/Current/Voltage):

Jacket Pressure Rating (PSI):

Flowrate through Jacket (GPM):

Material Information

Type: _____ Amount Processed (lbs/Day): _____

Specific Heat of Material to be heated (BTU/(lb°F)): _____

(The specific heat is the amount of heat per unit mass required to raise the temperature by one degree Celsius.)

Brief Process Description: _____
