

Information/Data Sheet for CALORPLAST Immersion Style Heat Exchanger

Name _____ Title _____
 Company _____
 Street _____
 City _____ State _____ Zip _____
 Telephone _____ FAX# _____ Date _____

Data Sheet

1) Tank: Dimensions

length: _____ ft.
 width (front): _____ ft.
 height: _____ ft.
 bath level: _____ ft.
 volume: _____ gal.

Insulation No Yes

thickness _____ inches

Open top No Yes

tank fluid: _____

specific gravity of tank fluid: _____ g/cm³

On which tank-wall can the heat exchanger be placed?

- 1 length wall
 both length walls
 1 front
 both fronts
 floor

2) Heating:

heating capacity _____ BTU/hr

heating media:

saturated steam _____ °F _____ psig

water _____ °F/ _____ °F _____ psig

_____ °F/ _____ °F _____ psig

constant tank temperature _____ °F

heating up the tank from _____ °F to _____ °F

heat up time _____ hours

3) Cooling:

cooling capacity _____ BTU/h _____ Amps _____ V

% of time at full current _____

cooling media: water _____ °F/ _____ °F _____ psig

brine _____ °F/ _____ °F _____ psig

cooling media volume _____ gal/min

constant tank temperature _____ °F

starting tank temperature _____ °F

cool down time _____ hours

Authorized Distributor:

Aetna Plastics Corp. 1702 St. Clair Ave. Cleveland, Ohio 44114 • Tel: 800-634-3074
 216-781-4421 • Fax: 216-781-4474 • sales@aetnoplastics.com • www.aetnoplastics.com

Data Sheet for CALORPLAST Tube Plate Heat Exchanger

Name _____ Title _____
Company _____
Street _____
City _____ State _____ Zip _____
Telephone _____ FAX# _____ Date _____

Hot Fluid

composition _____
rate (lb/hr or gmp-specify) _____
specific gravity _____
specific heat (Btu/lb-°F) _____
viscosity (cP) _____
inlet temperature (°F) _____
outlet temperature (°F) _____
allowable pressure drop (psig) _____
operating pressure (psig) _____

Cold Fluid

composition _____
rate (lb/hr or gmp-specify) _____
specific gravity _____
specific heat (Btu/lb-°F) _____
viscosity (cP) _____
inlet temperature (°F) _____
outlet temperature (°F) _____
allowable pressure drop (psig) _____
operating pressure (psig) _____

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