



Tricor Metals
Ohio Division & Corp. H.Q.
 3225 W. Old Lincoln Way
 Wooster, Ohio 44691
 Phone: 330-264-3299
 Fax: 330-264-1181

Tricor Metals
Texas Division
 3517 North Loop 336 West
 Conroe, Texas 77304
 Phone: 936-273-2661
 Fax: 936-273-2669

Tricor Metals
Michigan Division
 44696 Helm St.
 Plymouth, MI 48170
 Phone: 734-454-3485
 Fax: 734-454-7110

Astrolite / Tricor Alloys
California Division
 201 Bernoulli Circle, Units B & C
 Oxnard, CA 93030
 Phone: 805-487-7131
 Fax: 805-487-9694

www.tricormetals.com www.tricoralloys.com www.astrolite.com

Tricor Metals - Plate and Frame (PHE) Heat Exchanger Sizing Design Form

Contact Information

Company Name			
Street address		City	
State		Zip code	
Contact Name			
Email		Phone number	
General Process Objective		Length or size limitations	

Process Information

Plate material (SS304, SS316, Titanium gr. 1, Other)		Gasket Material (NBR, EPDM, Viton, Other)	
Design Pressure (PSIG)			
Hot Side Fluid		Cold Side Fluid	
Hot Side Flow Rate (US Gallons/ Minute)		Cold Side Flow Rate (US Gallons/ Minute)	
Hot Side Temp IN (°F)		Cold Side Temp IN (°F)	
Hot Side Temp OUT (°F)		Cold Side Temp OUT (°F)	
Hot Side Max. Allowable Pressure Drop (PSI)		Cold Side Max. Allowable Pressure Drop (PSI)	
Hot Side Viscosity (cP)		Cold Side Viscosity (cP)	
Hot Side Density (LB/FT ³)		Cold Side Density (LB/FT ³)	
Hot Side Specific Heat Capacity (BTU/(LB°F))		Cold Side Specific Heat Capacity (BTU/(LB°F))	
Hot Side Thermal Conductivity (BTU/HR/(FT*°F))		Cold Side Thermal Conductivity (BTU/HR/(FT*°F))	
Hot Side Operating Pressure IN (PSIG)		Cold Side Operating Pressure IN (PSIG)	
Other Notes / comments / physical size restrictions. / desired port connections (NPT, Flanged, Other)			