



TRICOR METALS

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A Division of Tricor Industrial
Wooster, Ohio

SHELL & TUBE HEAT EXCHANGER INQUIRY FORM

Company Name:

Company Address:

City: State: Zip:

Contact Name:

Phone: Fax: E-mail:

PROCESS INFORMATION

(Please fill in as much of the information as possible for most efficient sizing)

General Process Objective:

Length or Size Limitations:

Exchanger Type: TEMA Class:

Hot Side Location: Shell Side: Tube Side:

Fluid Name & Composition:

Hot Side:

Cold Side:

PROCESS INFORMATION (Con't)

	Hot Side		Cold Side	
	In	Out	In	Out
Total Flow Rate {LB/HR}:				
Vapor {LB/HR}:				
Liquid {LB/HR}:				
Noncondensable {LB/HR}:				
Temperature {°F}:				
Density {LB/FT ³ }:				
Viscosity {CP}:				
Specific Heat {BTU/(LB*°F)}:				
Thermal Conductivity {BTU/(LB*HR*°F)}:				
Latent Heat {BTU/LB}:				
Pressure {PSIG}:				
Allowable Pressure Drop {PSI}:				
Fouling Resistance (min) {FT ² *HR*°F/BTU}:				
Heat Exchanged {BTH/HR}:				
Design Pressure/Vacuum Rating {PSIG}:				
Design Temperature {°F}:				
Materials of Construction:				
Other Notes or Comments:				