

**Please fill in the information below to help us learn more about your applications.**

Name \_\_\_\_\_ Title \_\_\_\_\_ Company \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_

State/Province \_\_\_\_\_ Zip \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_ Job Name \_\_\_\_\_

Email \_\_\_\_\_ Website URL \_\_\_\_\_

## Materials of Construction

### SHELL MATERIAL

- STEEL  
 304 SS  
 316 SS  
 OTHER \_\_\_\_\_

### TUBE MATERIAL

- STEEL  
 COPPER  
 CUNI  
 316 SS  
 304 SS  
 OTHER:

### Connections

#### Type

- NPT  
 Studded Port  
 Flanged  
 Other \_\_\_\_\_

#### Material

STEEL  
 304 SS  
 316 SS  
 OTHER:

## Performance Requirements

### Plate and Frame Heat Exchanger Properties

Description	Hot Side	Cold Side
Fluid Description		
Concentration (%)*		
Steam (lb/hr)		
Density (lbs/cu ft)*		
Specific Heat (Btu/lb•°F)*		
Thermal Conductivity (Btu/h•ft•°F)		
Viscosity (centipoise)		
Fluid Flow Rate (GPM)		
Entering Temp (°F)		
Leaving Temp (°F)		
Inlet Pressure (PSI)		
Max Pressure Drop (PSI)		
Max Working Pressure (PSI)		
Total Heat Exchanged (Btu/hr)		
Excess Area (%)		

\*Optional

### Design Properties

Description	Hot Side	Cold Side
Design/Test Pressure (PSIG)		
Design Code (ASME VIII)	Stamp Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Temperature Rating (°F)		

### Additional Comments