

Data Required for Selection of a Heat Exchanger

ASME: yes/no

Date: _____

TEMA class: C / B / R / Not Required

Type: _____

Applicable codes: _____ (CRN / ABS / PED and etc)

(Plate & Frame, Brazed Plate & Frame)

		Hot side	Cold side
1	Inlet pressure (psig)		
2	Fluid Circulated (eg. Water, steam, oil ISO VG 68)		
3	Flow rate (GPM or lb/hr)		
4	Temperature in/out (°F)	/	/
5	Heat load (Btu/hr)		
6	Allowable pressure drop (psi)		
7	Fouling factor		
Fluid Physical Properties: (only required for unusual fluids)			
8	Specific Gravity		
9	Specific Heat (BTU/lb-°F)		
10	Viscosity (cP)	@ °F	@ °F
11	Thermal Conductivity (BTU/hr-°F-ft ² /ft)		

Special Requirements/Notes:
