

**QUESTIONNAIRE FOR PLATE HEAT EXCHANGER**

Kindly provide us the following details enabling us to offer an suitable Heat Transfer Equipment for you.

**Name of Customer :**

**Address :**

**Contact Person:**

**Contact Phone :**

**E mail :**

**Thermal datas:**

Heat Load : ..... Kcal/hr

	<b>Hot side</b>			<b>Cold side</b>	
Name of Fluid	*		*		
mass flow rate	*	kg/h	*		kg/h
volume flow rate	*	m <sup>3</sup> /h	*		m <sup>3</sup> /h
inlet temperature	*	°C	*		°C
outlet temperature	*	°C	*		°C
max. pressure drop		Bar			Bar
operating pressure		Bar			Bar

For Dry saturated steam , please give the steam pressure and temperature. \* min 5 details of this is required for finding the heat balance and design.

**Thermodynamic properties of fluids.( for fluid other than water)**

reference temperature	°C	°C
Density	kg/m <sup>3</sup>	kg/m <sup>3</sup>
specific heat capacity	Kcal/Kg.°C	Kcal/Kg.°C
thermal conductivity	Kcal/m.Hr.°C	Kcal/m.Hr.°C
Viscosity	cP	cP

**OTHER FLUID DATAS**

- ✓ Complete chemical composition on % w/w or v/v basis
- ✓ Whether fluid is clear/contaminated/slurry
- ✓ Particle size details, if present
- ✓ Nature of particles, i.e; soft/crystalline/hard/abrassive/errosive
- ✓ Fluid has clean/sticky/settling/highly fouling/errosive nature

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