Turbinedar.Co.
Phone: +98-21-88788867-9
Fax: +98-21-88782339
www.turbinedar.com
E-mail: info@turbinedar.com

Plate Heat Exchanger Questionnaire

Enquire No.			
Company Name			
Address			
Phone / Fax No.		E-mail	
Contact Person		Title	

Process Details

Cold Stream		
Fluid name		
Mass Flow Rate		Kg/h
Viscosity		cP
Density		Kg/m^3
Inlet Temperature		°C
Outlet Temperature		°C
Inlet Pressure		Bar
Allowable Pressure Drop		Bar
Fouling Factor		m^2K/W

Hot Stream		
Fluid name		
Mass Flow Rate		Kg/h
Viscosity		cP
Density		Kg/m^3
Inlet Temperature		°C
Outlet Temperature		°C
Inlet Pressure		Bar
Allowable Pressure Drop		Bar
Fouling Factor		m^2K/W

Mechanical Design

Plate Material ☐ SS 304 ☐ SS 316 ☐ Titanium

Gasket Material ☐ NBR ☐ EPDM ☐ Paramine ☐ Paraalkali ☐ FPM

Additional Information	

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Plate Heat Exchanger Questionnaire

Stream Properties

Please fill the following form, if your streams are not common fluid or they are combination of some common fluids. We need these data to design the Heat Exchanger.

Cold Stream			
	Operation Pressure	After Pressure Drop	
Absolute Pressure			bar
Temperature			°C
Liquid Density			Kg/m³
Liquid Specific Heat			KJ/Kg°K
Liquid Viscosity			cP
Liquid Thermal Conductivity			W/m°K

Hot Stream			
	Operation Pressure	After Pressure Drop	
Absolute Pressure			bar
Temperature			°C
Liquid Density			Kg/m³
Liquid Specific Heat			KJ/Kg°K
Liquid Viscosity			cP
Liquid Thermal Conductivity			W/m°K