

## **Plate Heat Exchanger Design Form**

Please complete the form below and return it to SonFlow to proceed with your design. Providing as many details as possible will help us tailor the solution to your needs.

Company Name: E-mail: Date:		Contact Person:         Phone No.:         Quotation No:
Hot Flow Rat	.e	Cold Flow Rate
h	n	Out
Ou	ıt	In
Max. Pressure Dro	p	Max. Pressure Drop
	Ensure that "In" and "Out" temperatures ar	re clearly marked as the highest for the hot side and the lowest for the cold side.
Plate Heat Exchanger Type:	Traditional Free Flow Painted Frame Stainless Steel	AHRI-Certified <sup>®</sup> Condenser Brazed
Heat Transfer:**		kW
	HOT SIDE	COLD SIDE
Medium:**		
Flow Rate:**		
Temperature In:**		
Temperature Out:**		
Pressure Drop:*		
Specific Gravity:***		kg/m <sup>3</sup> kg/m <sup>3</sup>
Specific Heat:***		kJ/kg °K
Specific Heat:*** Thermal Conductivity:***		kJ/kg °K W/m °K W/m °K
Specific Heat:*** Thermal Conductivity:*** Viscosity:***		kJ/kg °K     kJ/kg °K       W/m °K     W/m °K       mPas     mPas
Specific Heat:*** Thermal Conductivity:*** Viscosity:*** Plate Material:		kJ/kg °K     kJ/kg °K       W/m °K     W/m °K       mPas     mPas
Specific Heat:*** Thermal Conductivity:*** Viscosity:*** Plate Material: Gasket Material:		kJ/kg °K     kJ/kg °K       W/m °K     W/m °K       mPas     mPas
Specific Heat:*** Thermal Conductivity:*** Viscosity:*** Plate Material: Gasket Material: Additional Information:		kJ/kg °K     kJ/kg °K       W/m °K     W/m °K       mPas     mPas

 $^{\ast}$  Not mandatory, but it will influence the physical size of the plate heat exchanger.

\*\* At least 5 out of the 7 fields must be completed to proceed with the design. \*\*\* We will contact you if the medium is uknown for us.