

For larger bolt on flanged immersion heaters the following specifications/data sheet should be submitted:

**Design Specifications**

1) Element Specifications	Immersion length "L"	mm	5) Electrical	Supply Voltage	V
	Quantity of elements	mm		Type (Tick appropriate)	
	Diameter of elements	mm		Single Phase	
	Minimum internal diameter of tube "D"	mm		Three Phase Delta	
	Inlet distance from flange face "K"	mm		Three Phase Star	
	Length between flange and terminal housing "S"	mm		Number of Zones	
2) Flange Specifications	Flange Diameter	mm		Power rating per zone	
	Flange thickness	mm		Number of temp probes	
	Flange Material			Type of temp probes	
	Number of bolt Holes	mm	6) General		
	Bolt hole diameter	mm		Medium to be heated	
	Bolt hole P.C.D	mm		Maximum operating Temp	C
3) Baffle plate				Maximum operating pressure	Bar
	QTY:			Flow rate of the medium	(m <sup>3</sup> /hr)
	Distance from flange to first baffle plate "B"	mm		Density of Medium	(kg/m <sup>3</sup> )
	Diameter of baffle plate "B_D"	mm		Inlet Temperature	C
	Height of baffle plate "B_H"	mm		Outlet Temperature	C
	Baffle plate spacing "A"	mm			
4) Terminal housing			<b>Customer Details</b>		
	Terminal housing Material:		CUSTOMER:		
	Terminal housing size:		CONTACT NAME:		
	Width	mm	TEL:		
	Height	mm	FAX:		
	Depth	mm	E-MAIL:		
	EEX/ATEX certification required:				
	Yes				
	No				
	EEX/ATEX rating specification: ( if required )				
	Number of cable glands				
	"Please indicate gland orientation according to inlet"				

**Terminal housing gland exits:**  
Please indicate gland size and orientation according to the inlet



FLANGE HEATER ENQUIRY SHEET