

# GOOCH THERMAL SYSTEMS

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# SPIRAL HEAT EXCHANGERS

## Design Questionnaire Form

## MADE IN USA

1	Customer:	Date:			
2	Attention:	RFQ No.:			
3	Address:	Due Date:			
4	Zip:	Email:			
5	Phone: Ext:	H/X Service:			
6	Fax:	Required No.:	Horiz.:	Vert.:	
7	<b>PERFORMANCE</b>	<i>Specify duty for one heat exchanger</i>		<b>HOT SIDE</b>	<b>COLD SIDE</b>
8	Fluid Circulated:				
9	Total Fluid Quantity:	Mass Flow Rate			
10		Volumetric Flow Rate			
11	Temperature Program:	In / Out			
12	Fluid Physical Properties:	Density			
13	(If vapor condenser, please	Specific Heat			
14	provide condensing curve)	Thermal Conductivity			
15		Viscosity			
16	Operating Pressure:	Normal / Max.			
17	Pressure Drop:	Allowable / Max.			
18	Fouling Factor:				
19	Heat Exchanged:				
20	<b>CONSTRUCTION</b>				
21	Design Pressure (MAWP):				
22	Design Temperature:				
23	Connection Size:	Flange Type / Rating			
24	Pressure Vessel Code:	ASME/U-stamp (GTS std)	PED/Europe	Other code (specify):	
25	<b>MATERIALS</b>	<i>Note: Circle (specify) material for wetted parts compatible with your process and above fluids.</i>			
26	Spiral Plate:	Carbon steel	304/304L	316/316L	Duplex 2205 904L
27		6% Moly-SS	HC-276	HC-22	Titanium Specify:
28	Gaskets:	Non-Asbestos (std)	PTFE	Graphite	Viton Specify:
29	<b>REMARKS</b>	<i>If applicable, provide any info on % solids, fouling, non-Newtonian behavior, corrosion, etc.</i>			
30					
31					
32					
33					
34	<i>Note: For replacements, advise SHE Type or Model (if known), area, width, spacings, material, pressure &amp; temperature.</i>				

Please provide requested information in either US Standard, SI or MKS units. Thank You.

Fax completed form to: (908) 236-9333

[www.goochthermal.com](http://www.goochthermal.com)

Rev. 1