

GOOCH THERMAL SYSTEMS

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SLUDGE 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:	Sludge: Heating Cooling Both	
6	Fax:	No. of Units: Digestor Size:	
7	PERFORMANCE Specify duty for one heat exchanger	HOT SIDE	COLD SIDE
8	Fluid Circulated		
9	Total Fluid Quantity Flow Rate Lb/h		
10	Flow Rate GPM		
11	Temperature Program In / Out °F		
12	Fluid Physical Properties Density/Specific Gravity		
13	Specific Heat		
14	Thermal Conductivity		
15	Viscosity		
16	Operating Pressure (< 50 psig)		
17	Pressure Drop Allowable / Max. psi		
18	Fouling Factor (Typically 0.0003 total)		
19	Heat Exchanged		
20	CONSTRUCTION		
21	Design Pressure		
22	Design Temperature		
23	Connection Size		
24	MATERIALS Please specify (circle) an appropriate grade of plate and gasket material in contact with the fluids.		
25	Spiral Plate Carbon steel (typical MOC in municipal industry)	304/304L	316/316L
26	Gaskets Non-Asbestos (typical grade in industry)	Other (specify):	
27	Type of Sludge(s):	% Solids:	
28	Raw Sludge Feed Lbs/Day: Winter Raw Sludge Temp. (avg.) °F:		
29	COMMENTS For replacements, advise sludge H/X Model No. (if known) or capacity, plate width & spacings.		
30			
31			
32			
33			

Please return completed Form to GTS by fax for a rapid response quotation. Thank You.

Fax completed form to: (908) 236-9333

www.goochthermal.com

Rev. 2