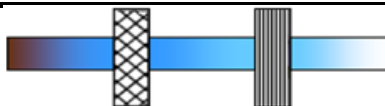


Advanced Filtration Company

25A Arnold Blvd. PO Box 324



Howell, NJ, USA 07731-0324

732-901-6676

Heat Exchanger Specification sheet

Fax (716) 823-7745

1				Job No.
2	Customer			Ref No.
3	Address			Proposal No.
4	Plant Location		Date	Rev.
5	Service of Unit			Item No
6	Size	Type	Connected in	Parallel
7	Surf/Unit (Eff)	Shells/Unit	Surface/Shell (Effective)	
8	PERFORMANCE OF ONE UNIT			
9	Fluid Allocation	Shellside		Tubeside
10	Fluid Name			
11	Total Fluid Entering	lb/hr		
12	Vapor			
13	Liquid			
14	Steam			
15	Noncondensable			
16	Fluid Vaporized or Condensed			
17	Liquid Density (In/Out)	lb/ft ³		
18	Liquid Viscosity	cP		
19	Liquid Specific Heat	Btu/lb-F		
20	Liquid Thermal Conductivity	Btu/hr-ft-F		
21	Vapor Mol. Weight (In/Out)			
22	Vapor Viscosity	cP		
23	Vapor Specific Heat	Btu/lb-F		
24	Vapor Thermal Conductivity	Btu/hr-ft-F		
25	Temperature (In/Out) °F			
26	Operating Pressure	psi(Abs)		
27	Velocity	ft/sec		
28	Pressure Drop (Allow/Calc)	psi		
29	Fouling resistance	hr-ft ² -F/Btu		
30	Heat Exchanged		mtd (corr)	
31	Transfer Rate, Service		Clean	
32	CONSTRUCTION OF ONE SHELL			
33		Shellside	Tubeside	Sketch
34	Design/Test F psi			
35	Design Temp °F			
36	No. Passes per Shell			
37	Corrosion Allc in			
38	Connections	In		
39	Size &	Out		
40	Rating	Intermediate		
41	CONSTRUCTION OF ONE TUBE			
42	Tube No	Thk	Length	Pitch
43	Tube Type		Material	
44	Shell		Shell Cover	
45	Channel or Bonnet		Channel Cover	
46	Tubesheet-Stationary		Tubesheet-Floating	
47	Floating Head Cover		Impingement Protection	
48	Baffles Cross	Type	%Cut 30.0 (Area)	Spacing-cc
49	Baffles-Long		Seal Type	
50	Supports-Tub	U-Bend	Type	
51	Bypass Seal Arrangement		Tube-Tubesheet Joint	
52	Expansion Joint		Type	
53	Rho-V2 Inlet Nozzle	Bundle Entrance	Bundle Exit	
54	Gasket-Shellside	Tubeside	Floating Heac	
55	Code Requirement		TEMA Class	
56	Weight/Shell	Filled with Water		Bundle

Heat Exchanger Specification sheet

1					Job No.
2	Customer				Ref No.
3	Address				Proposal No.
4	Plant Location		Date		Rev.
5	Service of Unit				Item No
6	Size	Type	Connected in	Parallel	Series
7	Surf/Unit (Eff)	Shells/Unit	Surface/Shell (Effective)		
8	PERFORMANCE OF ONE UNIT				
9	Fluid Allocation		Shellside		Tubeside
10	Fluid Name				
11	Total Fluid Entering	lb/hr			
12	Vapor				
13	Liquid				
14	Steam				
15	Noncondensable				
16	Fluid Vaporized or Condensed				
17	Liquid Density (In/Out)	lb/ft ³			
18	Liquid Viscosity	cP			
19	Liquid Specific Heat	Btu/lb-F			
20	Liquid Thermal Conductivity	Btu/hr-ft-F			
21	Vapor Mol. Weight (In/Out)				
22	Vapor Viscosity	cP			
23	Vapor Specific Heat	Btu/lb-F			
24	Vapor Thermal Conductivity	Btu/hr-ft-F			
25	Temperature (In/Out)	°F			
26	Operating Pressure	psi(Abs)			
27	Velocity	ft/sec			
28	Pressure Drop (Allow/Calc)	psi			
29	Fouling resistance	hr-ft ² -F/Btu			
30	Heat Exchanged		mtd (corr)		
31	Transfer Rate, Service		Clean		
32	CONSTRUCTION OF ONE SHELL				
33		Shellside	Tubeside	Sketch	
34	Design/Test Pres. psi				
35	Design Temp. °F				
36	No. Passes per Shell				
37	Corrosion Allow. in				
38	Connections	In			
39	Size &	Out			
40	Rating	Intermediate			
41					
42	Tube No		Thk	Length	Pitch
43	Tube Type		Material		
44	Shell		Shell Cover		
45	Channel or Bonnet		Channel Cover		
46	Tubesheet-Stationary		Tubesheet-Floating		
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49	Baffles-Long		Seal Type		
50	Supports-Tube	U-Bend	Type		
51	Bypass Seal Arrangement		Tube-Tubesheet Joint		
52	Expansion Joint		Type		
53	Rho-V2 Inlet Nozzle	Bundle Entrance	Bundle Exit		
54	Gasket-Shellside	Tubeside	Floating Head		
55	Code Requirement		TEMA Class		
56	Weight/Shell	Filled with Water	Bundle		
57	Remarks:				
58					
59					
60					