



Rubicon Industries Corp

HEAT EXCHANGER SPECIFICATION SHEET

Tel: (718) 434-4700

Toll Free: (800) 662-6999

Fax: (718) 434-6174

Email: sales@rubiconhx.com

1						Job No.	
2	Customer					Reference No.	
3	Address					Proposal No.	
4	Plant Location					Date	Rev.
5	Service of Unit					Item No.	
6	Size	Type	(Hor/Vert)		Connected in	Parallel	Series
7	Surf/Unit (Gross/Eff.)		Sq Ft; Shells/Unit		Surf/Shell (Gross/Eff.)		Sq Ft
8	PERFORMANCE OF ONE UNIT						
9	Fluid Allocation			Shell Side		Tube Side	
10	Fluid Name						
11	Fluid Quantity Total			Lb/Hr			
12	Vapor (In/Out)						
13	Liquid						
14	Steam						
15	Water						
16	Noncondensable						
17	Temperature (In/Out)			°F			
18	Specific Gravity						
19	Viscosity, Liquid			Cp			
20	Molecular Weight, Vapor						
21	Molecular Weight, Noncondensable						
22	Specific Heat			Btu / Lb °F			
23	Thermal Conductivity			Btu Ft / Hr Sq Ft °F			
24	Latent Heat			Btu / Lb @ °F			
25	Inlet Pressure			Psia			
26	Velocity			Ft / Sec			
27	Pressure Drop, Allow. /Calc.			Psi		/	
28	Fouling Resistance (Min.)			Hr Sq Ft °F / Btu			
29	Heat Exchanged			Btu / Hr:MTD (Corrected)		°F	
30	Transfer Rate, Service			Clean		Btu / Hr Sq Ft °F	
31	CONSTRUCTION OF ONE SHELL					Sketch (Bundle/Nozzle Orientation)	
32				Shell Side		Tube Side	
33	Design / Test Pressure			Psig		/	
34	Design Temp. Max/Min			°F		/	
35	No. Passes per Shell						
36	Corrosion Allowance			In			
37	Connections			In			
38	Size & Rating			Out			
39				Intermediate			
40	Tube No.	OD	In;Thk (Min/Avg)	In;Length	Ft;Pitch	In ← 30 → 60 → 90 → 45	
41	Tube Type			Material			
42	Shell	ID	OD	In	Shell Cover	(Integ.) (Remov.)	
43	Channel or Bonnet			Channel Cover			
44	Tubesheet-Stationary			Tubesheet-Floating			
45	Floating Head Cover			Impingement Protection			
46	Baffles-Cross			Type	%Cut (Diam/Area)	Spacing: c/c	Inlet In
47	Baffles-Long			Seal Type			
48	Supports-Tube			U-Bend	Type		
49	Bypass Seal Arrangement			Tube-to-Tubesheet Joint			
50	Expansion Joint			Type			
51	pv'-Inlet Nozzle			Bundle Entrance		Bundle Exit	
52	Gaskets-Shell Side			Tube Side			
53	Floating Head						
54	Code Requirements			TEMA Class			
55	Weight / Shell			Filled with Water		Bundle Lb	
56	Remarks						
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