KOCH-GLITSCH.

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Tray Des	ign Tower	[•] Specification	Shee	t (U.S. Units)

Contact Information		End L	Jser Contact Informa	ation
Name		End	User Company	
Title			Address	
Company			City, State, Zip	
Address			Country	
City, State, Zip			Inquiry Date	
Country		Dat	te Quotation Required	
Email		Date	e Equipment Required	
Phone				Firm Price Budget Price
Your Reference No.			Column No.	0
New or Existing Tower? ¹ New	Existing		Column Name	
Unit		Tower Manhole / Co	olumn Access I.D. (in)	
	Tower Shell We	eld to Tower Attachme	. ,	ding Permitted
Applicable Tray Type: Movable		Other (specify		
Tray Numbers				
Total Tray Quantity in Section				
Tower Inside Diameter [†] (ft-in)			<u> </u>	
Tray Spacing [†] (in)			<u> </u>	
Number of Liquid Passes [†]			<u> </u>	
Max. Pressure Drop/Tray (psi)				
Operating Pressure (psia)				
Internal Conditions: Vapor to Tray				
Flow Rate (lb/hr)§				
Density (lb/ft ³)§			<u> </u>	
Viscosity (cP)				
Temperature (°F)				
Internal Conditions: Liquid from Tr	ray			
Flow Rate (lb/hr)§				
Density (lb/ft ³)§				
Surface Tension (dyne/cm)				
Viscosity (cP)				
Foaming Tendency/System Factor				
Clean/Potential Fouling				
Operating Range % (V/L)				
Mechanical Data: Material				
Tray Deck [‡]				
Cap or valve [‡]			<u> </u>	
Hardware [‡]			<u> </u>	
Deck Thickness [†] (gauge)				
Support Ring Width & Thickness (in)				
Design Temperature (°F)				
Corrosion Allowance				
Trays (in)				
Tower Attachments (in)				

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Stream I.D.	Description	Above/ Below Tray	Phase [#]	Liquid Fraction (mass)	Pressure (psia)	Temp. (°F)	Flow Rate (Ib/hr)	Density [#] (lb/ft³)	Viscosity (cP)	Surface Tension (dyne/cm)
		. <u> </u>								

- ¹ If existing please provide vessel elevation, orientation drawing, and drawings of existing tower attachments (or Koch-Glitsch drawing number if applicable).
- [†] May be specified or left to the judgment of Koch-Glitsch.
- [‡] Material of construction to be specified by client.
- [#] If mixed phase, specify physical properties of both phases.
- [§] Internal vapor and liquid loadings at the limiting sections are required to ensure proper equipment design. Simulation tray-to-tray hydraulic output may be submitted in lieu of this form. Densities and mass flow rate are required at actual tower conditions of temperature and pressure.

Please provide any additional information that will help with your design and describe any documents you will send. Include relevant drawings of existing equipment so that we may design a compatible solution. Use more than one sheet if necessary.

Comments/Sketch