

Packed Tower Specification Sheet (U.S. Units)

Contact Information

Name _____
Title _____
Company _____
Address _____
City, State, Zip _____
Country _____
Email _____
Phone _____
Your Reference No. _____

New or Existing Tower?¹ New Existing
Unit _____

End User Contact Information

End User Company _____
Address _____
City, State, Zip _____
Country _____

Inquiry Date _____
Date Quotation Required _____
Date Equipment Required _____

☐ Firm Price ☐ Budget Price

Column No. _____
Column Name _____
Column Access I.D. (in) _____

Welding Permitted?	Weld to Tower Shell	Weld to Tower Attachments	No Welding Permitted
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Bed Number	_____	_____
Tower Inside Diameter (ft-in)	_____	_____
Max. Pressure Drop/Bed (psi)	_____	_____

No. Stages Required	_____	Bed Height (mm)	_____
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No. Stages Required	_____	Bed Height (mm)	_____
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Internal Conditions: Vapor

	Top	Bottom	Top	Bottom
Flow Rate (lb/hr) [§]	_____	_____	_____	_____
Density (lb/ft ³) [§]	_____	_____	_____	_____
Viscosity (cP)	_____	_____	_____	_____
Pressure (psia)	_____	_____	_____	_____
Temperature (°F)	_____	_____	_____	_____

Internal Conditions: Liquid

	Top	Bottom	Top	Bottom
Flow Rate (lb/hr) [§]	_____	_____	_____	_____
Density (lb/ft ³) [§]	_____	_____	_____	_____
Surface Tension (dyne/cm)	_____	_____	_____	_____
Viscosity (cP)	_____	_____	_____	_____
Pressure (psia)	_____	_____	_____	_____
Temperature (°F)	_____	_____	_____	_____
Foaming Tendency/System Factor	_____	_____	_____	_____
Clean or Potential Fouling	_____	_____	_____	_____
Operating Range % (V/L)	_____	_____	_____	_____

Internals

	Material [‡]	Type or Model [†]	Material [‡]	Type or Model [†]
Packing Type	_____	_____	_____	_____
Distributor/Redistributor	_____	_____	_____	_____
Liquid Collector	_____	_____	_____	_____
Packing Support	_____	_____	_____	_____
Hold Down	_____	_____	_____	_____
Other	_____	_____	_____	_____

[illegible]

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 stage-by-stage hydraulic output may be substituted in lieu of actual data. 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