

Heat Transfer Application for Systems with Water as the Liquid Phase (Metric Units)

Contact Information

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

End User Contact Information

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

Inquiry Date _____
 Date Quotation Required _____
 Date Equipment Required _____

☐ Firm Price ☐ Budget Price

New or Existing Tower?¹ New Existing
 Unit _____
 Bed Depth Available (mm) _____
 Column No. _____
 Column Name _____
 Existing Column I.D.¹ (mm) _____
 Manhole / Column Access I.D. (mm) _____

Welding Permitted? Weld To Tower Shell Weld To Tower Attachments No Welding Permitted

Temperatures, Flows and Fluid Properties

	Temperature (°C)	Flow (kg/h)	Density (kg/m ³)	Viscosity (cP)	Surface Tension (dyne/cm)
V-OUT	_____	_____	_____	_____	_____
L-IN	_____	_____	_____	_____	_____
V-IN	_____	_____	_____	_____	_____
L-OUT	_____	_____	_____	_____	_____

Gas Composition

Component _____ Basis: Mole / Mass

Gas Humidity

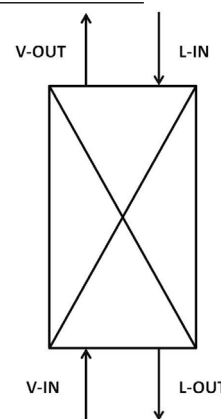
(kg H₂O/kg) Dry Gas _____

Total Heat Duty - Optional**

(10⁶ kcal/hr) _____

Column Operating Pressure

(bar abs) _____



Construction Materials

Material of Construction for Packing & Internals _____

¹ If vessel is existing, please provide vessel elevation, orientation drawing, and drawings of existing tower attachments (or Koch-Glitsch drawing number if applicable).

* Specify Temperature of at least three of the four streams.

** Provide this number if available. Always good to check.

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