

# Lube Oil Vent Mist Eliminator

## Specification Sheet (U.S. 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 Vessel?<sup>1</sup>    New    Existing  
Unit \_\_\_\_\_

Vessel No. \_\_\_\_\_  
Vessel Name \_\_\_\_\_  
Existing Vessel I.D.<sup>1</sup> (ft-in) \_\_\_\_\_  
Manhole / Vessel Access I.D. (in) \_\_\_\_\_

Welding Permitted?	Weld To Tower Shell	Weld To Tower Attachments	No Welding Permitted
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### Process Data

	Normal Operating Case	Maximum Operating Case	Minimum Operating Case
Pressure (psia)	_____	_____	_____
Temperature (°F)	_____	_____	_____
Gas Flow Rate (lb/h)	_____	_____	_____
Gas Density (lb/ft <sup>3</sup> )	_____	_____	_____
Gas Viscosity (cP)	_____	_____	_____
Gas MW (lb/lbmol)	_____	_____	_____
Liquid Flow Rate (lb/h)	_____	_____	_____
Liquid Density (lb/ft <sup>3</sup> )	_____	_____	_____
Liquid Viscosity (cP)	_____	_____	_____
Liquid Surface Tension (dyne/cm)	_____	_____	_____
Liquid Composition	_____	_____	_____
Estimated Particle Size Distribution (micron)	_____	_____	_____

### Exhaust Vent Size

We can include matching 150 lb ANSI flange mating dimensions on the inlet and exhaust nozzles of the mist eliminator.

Pipe: Nominal Diameter (in) \_\_\_\_\_ Schedule \_\_\_\_\_ Flange Rating \_\_\_\_\_

### Fan / Blower

Use Existing Fan/Blower?    Yes      No

Specifications of Existing Fan/Blower:

Brand Model \_\_\_\_\_

Koch-Glitsch to Supply Fan/Blower with Mist Eliminator?    Yes      No

Preferred Location of Exhaust Fan/Blower    Before Mist Eliminator      After Mist Eliminator

### Mist Eliminator Design

Proposed material of construction for this project \_\_\_\_\_

### Performance Required

Desired Efficiency Objective \_\_\_\_\_

Maximum Allowable Pressure Drop in H<sub>2</sub>O \_\_\_\_\_

Other Performance Objectives \_\_\_\_\_

Remove \_\_\_\_\_ % at \_\_\_\_\_ micron

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

**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