

Mist Eliminator Specification Data Sheet

Name:	<input type="text"/>	Date:	<input type="text"/>
Title:	<input type="text"/>	Phone:	<input type="text"/>
Company:	<input type="text"/>	Fax:	<input type="text"/>
Address:	<input type="text"/>		
City, State, Zip:	<input type="text"/>		
Country:	<input type="text"/>	Email:	<input type="text"/>
Your Reference No.:	<input type="text"/>	End User, Location:	<input type="text"/>

Quotation

Date Quotation Required:

Date Equipment Required: Firm Price Budget Price

The following will assist in the design of an economical solution to your mist eliminator application. Please provide all known information in the spaces provided and/or attach any supporting documentation. Please email or fax to us for a prompt response.

Description of process/problem:

How and where is mist created?
Describe upstream equipment:

Why does mist need to be removed?
(be specific)

Process Data

		Normal Operating Case	Maximum Operating Case	Minimum Operating Case
Pressure	psia	<input type="text"/>	<input type="text"/>	<input type="text"/>
Temperature	°F	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gas flow rate	lb/h	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gas density	lb/ft ³	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gas viscosity	cP	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gas MW	lb/lbmol	<input type="text"/>	<input type="text"/>	<input type="text"/>
Liquid flow rate	lb/h	<input type="text"/>	<input type="text"/>	<input type="text"/>
Liquid density	lb/ft ³	<input type="text"/>	<input type="text"/>	<input type="text"/>
Liquid viscosity	cP	<input type="text"/>	<input type="text"/>	<input type="text"/>
Liquid surface tension	dyne/cm	<input type="text"/>	<input type="text"/>	<input type="text"/>
Liquid composition		<input type="text"/>		
Estimated particle size distribution	micron	<input type="text"/>		

Feed Characteristics

Are any solids present? No Yes, dissolved in liquid Yes, not soluble in liquid
If yes, concentration (mass %) dissolved undissolved

Mist Eliminator Design

New vessel

Provide any preferences and space limitations for proposed new vessel.

Existing vessel

Provide drawings of existing vessel.

Upgrade existing mist eliminator

Provide specifications or past order reference for current unit.

Reason for upgrade.

Provide preferences for proposed new mist eliminator.

No mist eliminator currently installed in existing vessel

Material of construction:

Mist eliminator Supports & tower attachments

Welding to existing vessel allowed?

Yes No

Installation

through in. manway through full diameter open end

Performance Required

Describe performance objectives

Steam quality %
Solids in condensate ppm
Droplet removal % of micron droplets
Solvent loss amount
Other

Maximum allowable pressure drop psi

Comments:

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.