

Liquid-Liquid Coalescer Specification Data Sheet

Name: _____ Date: _____
 Title: _____ Phone: _____
 Company: _____ Fax: _____
 Address: _____
 City, State, Zip: _____
 Country: _____ Email: _____
 Your Reference No.: _____ End User, Location: _____

Quotation

Date Quotation Required: _____
 Date Equipment Required: _____ Firm Price _____ Budget Price _____

The following will assist in the design of an economical solution to your coalescer 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:

Process Data		Normal	Maximum	Minimum
Operating Pressure	bar abs			
Operating Temperature	°C			
Continuous Phase				
Flow rate	kg/h			
Density	kg/m ³			
Viscosity	cP			
Surface tension	dyne/cm			
Dispersed phase				
Flow rate	kg/h			
Density	kg/m ³			
Viscosity	cP			
Surface tension	dyne/cm			
Between phases				
Interfacial tension	dyne/cm			

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What is immediately upstream of the coalescer?

Centrifugal pump	Condenser	Heat exchanger	Impeller-type mixer	Control valve
In-line static mixer	Storage tank or drum	Tray or packed tower	Other:	

Feed Characteristics

Are any undissolved solids present? Yes No

If yes, concentration mass%

Description of undissolved solids

Coalescer Design

New vessel Provide any preferences and space limitations for proposed new vessel.

Existing vessel Provide drawing(s) of existing vessel.

Upgrade existing coalescer Provide specifications or past order reference for current unit.

Upgrade existing coalescer Reason for upgrade.

No coalescer currently installed in existing vessel Provide preferences for proposed new coalescer.

Material of construction: Coalescer Supports & tower attachments

Welding to existing vessel allowed? Yes No

Installation through mm manway through full diameter open end

Performance Required

Outlet dispersed phase in continuous (ppm)

Outlet continuous phase in dispersed (ppm)

Other performance needs

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.