

**R.P. ADAMS**

**Adams SFC, INC.** *d.b.a. R..P. Adams*  
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## AFTERCOOLER DESIGN QUESTIONNAIRE

Type Of Quotation:  Budget  Firm • Date Quote Required: \_\_\_\_\_ • Approx. Installation Date: \_\_\_\_\_

### CUSTOMER INFORMATION

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-Mail: \_\_\_\_\_

### PROCESS INFORMATION

Type of Compressor  Centrifugal  Reciprocating  Rotary

Compressor Horsepower \_\_\_\_\_ HP Number of Stages: \_\_\_\_\_

\*\*Air flow can be estimated from the compressor horsepower by multiplying it by 5 to achieve SCFM.

	Shell Side	Tube Side
Fluid Name:		
Fluid Flow, Total (Specify unit of measure)		
Vapor (Enter 0 if dry) lb/hr		
Liquid lb/hr		
Non-condensables lb/hr		
Temperature In °F		
Temperature Out °F		
Inlet Operating Pressure PSIG		
Pressure Drop Allowed PSIG		
Design Pressure PSIG		
Design Temperature °F		
Fouling Factor hr ft F/BTU		
Corrosion Allowance in.		

### DESIGN INFORMATION

Design Basis: R.P. Adams Standard  ASME Code

Preferred Materials of Construction: Tubes \_\_\_\_\_ Tube sheets \_\_\_\_\_

Shell \_\_\_\_\_ Baffles \_\_\_\_\_

Quote a cyclone separator with this aftercooler?  Yes  No

Quote a condensate trap on the separator?  Yes  No

**REMARKS:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Please complete the questionnaire and fax to R.P. Adams or e-mail to [info@rpadams.com](mailto:info@rpadams.com) to permit us to evaluate the application and properly select and size the correct R.P. Adams product.