



Liquid Pulsation Dampener

REQUESTED BY:

USE A SEPARATE SHEET FOR EACH APPLICATION

DATE:

TO: PULSCO, Inc.
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FROM:

ATTN: Engineering Department (engineering@pulsco.com)

APPLICATION INFORMATION:

*Describe Problem: _____
Application is on the inlet outlet side of a pump on a _____ system
Number of Pulsation Dampeners required on this application _____

PUMP INFORMATION:

Pump Manufacturer: _____ Pump Model: _____
* Pump Type (piston, centrifugal, gear, vane, other): _____
* Number of pistons, gear teeth, vanes, other: _____ Bore: _____ Stroke: _____ (if available)
Maximum displacement per revolution: _____ cubic inches
(for centrifugal, provide head capacity curve)
Port Size and Type, at inlet _____, at outlet _____
Design Speed: _____ rpm

FLUID CHARACTERISTICS:

* Type: _____ Specific Gravity: _____
Viscosity: _____ centipoise Bulk Modulus of elasticity: _____

APPLICATION OPERATING CONDITIONS:

* Flow Rate (normal): _____ gpm maximum: _____ gpm
* Pump Speed (minimum): _____ rpm maximum: _____ rpm
Fluid Temperature: _____ °F
Operating Pressure, at pump inlet _____ psi, at outlet _____ psi

PULSATION DAMPENER SPECIFICATIONS:

* Design Pressure _____ psi at _____ °F
* Allowable Pressure Drop _____ psi at _____ gpm and _____ °F
Connection Size and Type, at inlet _____ at outlet _____
Material of Construction: Carbon Steel Other _____
Desired Qualification Testing: _____
Weight, Size and Configuration Limitations: _____
Length of pipe, upstream of dampener _____ downstream _____

COMMENTS (SPECIAL REQUIREMENTS, ADDITIONAL DATA, ETC):

INTERNAL USE ONLY

PULSCO:

Design / Project ENGINEER _____
ENGINEERING MANAGER _____