



Minimize pulsating output on positive displacement pumps

SIGMAMOTOR FL Series Pulsation Dampeners offer an inexpensive solution to protect chemical feed systems from harmful effects of pulsating flows.

- Simple chargeable design
- Robust CNC precision machined body
- Provides steady flows for better flow metering accuracy
- Eliminates vibrations in pipes reducing the potential for leaks
- Smooths flows in spray applications

Features

- Capacity - 12, 40 or 85 cu in
- Variety of materials available
- Various Bladder materials
- Charging Valve - Schrader Type

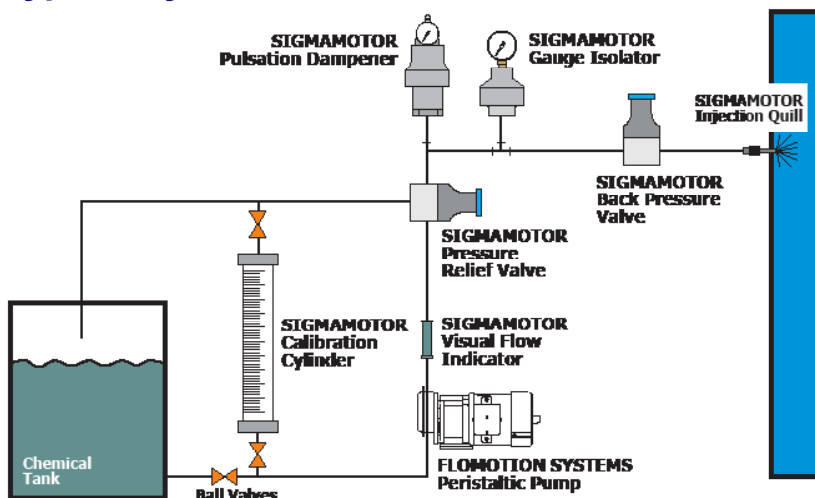


85 cu in



40 cu in

Typical System



12 cu in

SIGMAMOTOR PULSATION DAMPENER

NSF-61 Approved Materials

FL: - - - -
 1 2 3 4 5

Example: FL-N-12-P-V-SS

INLET CONNECTION TYPE 1	
NPT	N
SOCKET	S
FLANGED	F
UNION	U

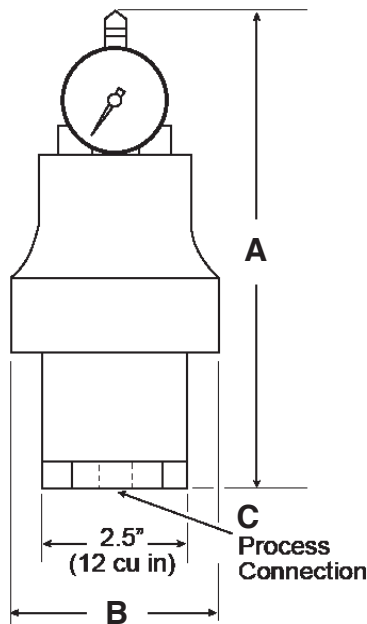
SIZE 2			
SELECT:	12	40	85
CU IN SIZE	12	40	85
ML SIZE (in)	200	660	1400
A-Height (in)	7.8	8.25	11.5
B-Diameter (in)	3.45	5.5	5.5
C-Connection (in)	1/2	1	1

DAMPENER BODY MATERIAL 3	
PVC	P
POLYPROPYLENE	PP
CPVC	CP
PTFE	T
Kynar® PVDF	K
316 SS	S
ALLOY 20	A
HASTELLOY C276	H

BLADDER MATERIAL 4	
VITON	V
EPDM	E
PTFE (12 CU IN ONLY)	T

GAUGE OPTIONS 5	
STANDARD GAUGE	
ALL STAINLESS STEEL	SS

DIMENSIONS



Material:	PVC	CPVC	PP	PVDF	PTFE	METAL
Maximum Pressure:	150 psi	150 psi	150 psi	150 psi	150 psi	350 psi
Maximum Temperature:	140 °F	195 °F	195 °F	285 °F	480 °F	300 °F

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