

The **Truflo Pulsepro PV Series** Pulsation Dampeners are designed to provide protection for process instrumentation, eliminate vibration and provide smooth continuous flow. The Pulsepro dampeners are chargeable and can be adjusted to best suit the process requirements. The PV series can eliminate up to 95% of the pulse caused by positive displacement pumps.

PVC

SERIES : PV

CONNECTION : ½" - 1¼"

ENDS : True-Union NPT | Socket

DIAPHRAGM : PTFE Bonded EPDM

SEALS : EPDM, FKM (Viton®)



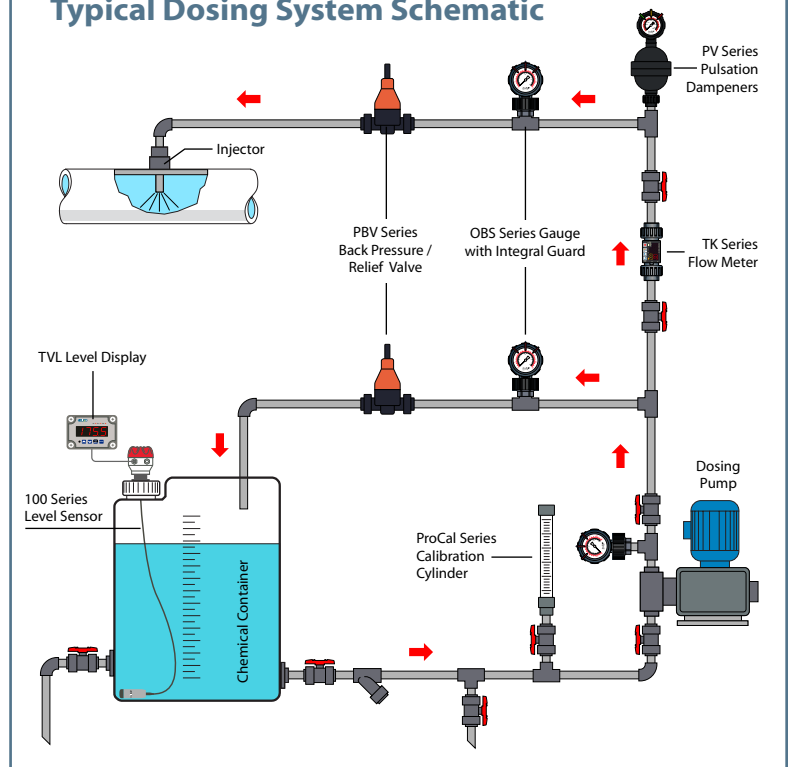
Mode of Operation

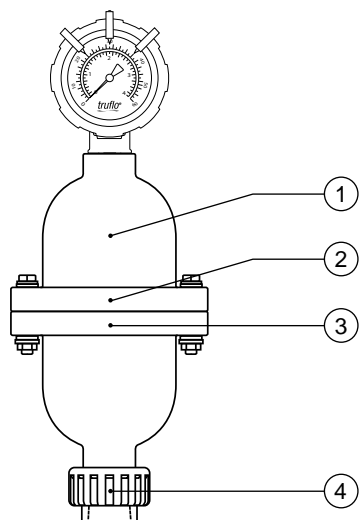
The Pulsepro Series pulsation dampeners consist of a flexible FPM diaphragm and an upper and lower chamber. The upper chamber is pressurized with air or Nitrogen. The PV Series operate on the principle that the volume of air in the upper chamber is inversely proportional to the kinetic pressure of the fluid being pumped.

FEATURES

- Easy installation and maintenance
- Eliminate up to 95% pulsating flow caused by positive displacement/dosing pumps with old fashioned threaded connections
- Long Cycling Life
- Dynamic FPM Diaphragm
- Superior Performance
- Chargeable -Adjustable- Designed to ensure maximum elimination of pulsating flows
- Truflo OBS Series Gauges- Supplied Single Sided or double Sided Gauges
- True-Union Connection for easy installation
- Excellent Chemical Resistance

Typical Dosing System Schematic





PARTS

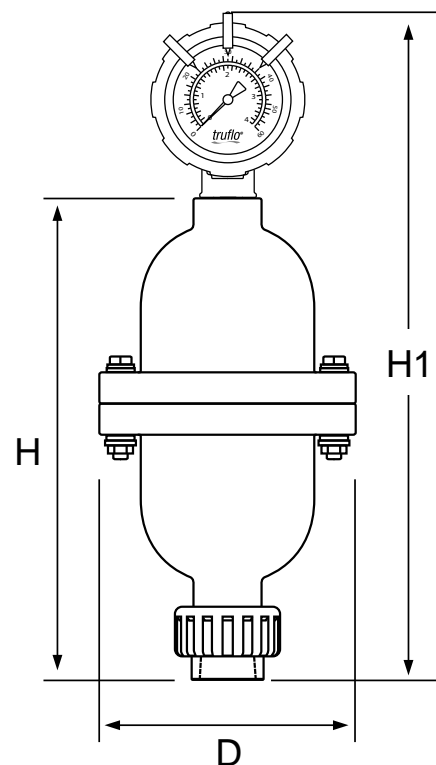
No.	Part	Pcs.	Materials
1	Body	1	PVC
2	Upper Chamber	1	PVC
3	Diaphragm	1	FPM
4	Union	1	PVC

DIMENSIONS

Model	Size	CU	H	D	H1
BPV005	½"	21	152	98	246
BPV075	¾"	36	155	108	250
BPV100	1"	61	210	130	305
BPV125	1"	91	230	156	325
BPV150	1 ¼"	122	260	156	355



OBS-GO Series
(Single Sided)



MAXIMUM PRESSURES PSI

Size	PVC			
	20°C 68°F	30°C 86°F	40°C 104°F	50°C 122°F
½" - 1¼"	150	150	150	110



OBS-GO Series
(Double Sided)

ORDERING EXAMPLE

PVC Pulsation Dampener	PV	005	V	U
Body Material	PVC-S (Single Sided Gauge) PVC-D (Double Sided Gauge)			
Size	005 - ½" 007 - ¾" 010 - 1"	012 - 1-¼"		
Elastomers	E - EPDM	V - FPM (Viton®)		
Ends	T - Threaded	G - G Type Thread	S - Socket	