

The Truflo Pulsepro PV Series Pulsation Dampeners are designed to provide protection for process instrumentation, eliminate vibration and provide smooth continuous flow. Truflo Pulsepro Pulsation 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®)



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

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.

Typical Dosing System Schematic



