

Truflo® — PulsePro® PF

Pulsation Dampener

ICON™
PROCESS CONTROLS

Corrosion-Free
Instrumentation Equipment™

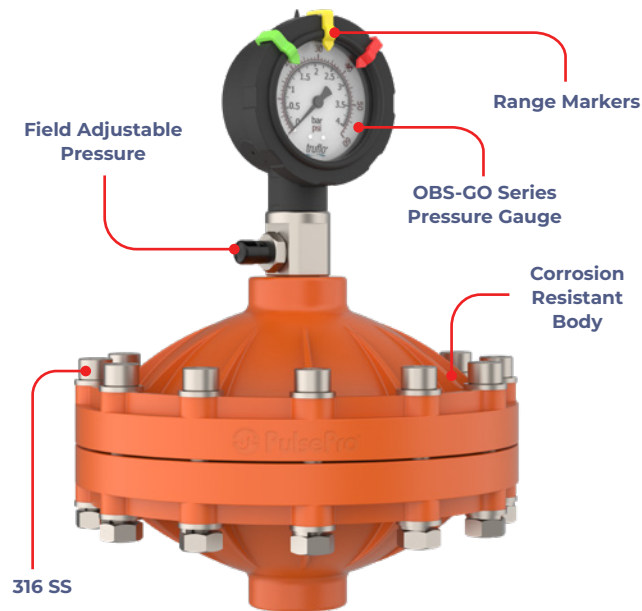


truflo®

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Pulsation Dampener

- Up to 95% + Reduction in Pressure Spikes
- Corrosion Resistant Bodies – GFPP | PVDF
- Reduces Vibrations to Protect Instruments
- Perfectly Paired with Diaphragm Pumps



Features

- Easy to Install
- Lightweight Design | Small Footprint
- PTFE Teflon® Diaphragm
- Suitable for Viscous Liquids
- Reduces Damaging Effects of Water Hammer
- Provides Constant Output Required for Flow Meters and Pressure Gauges
- NPT Process Connection



Equipment Protection that Can Handle the Pressure

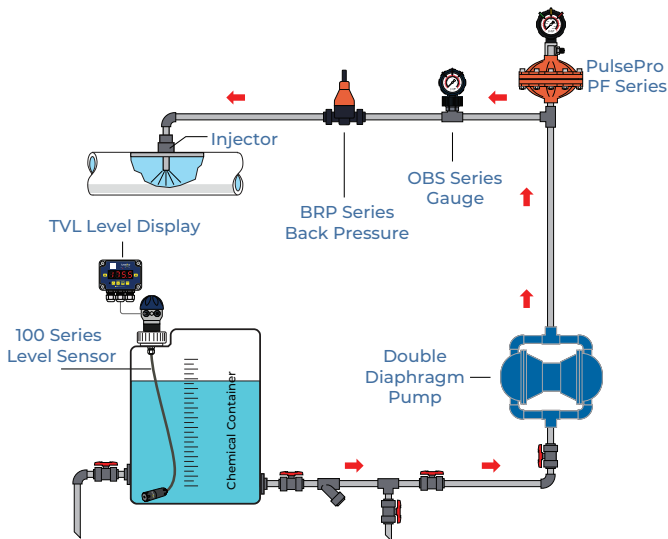
The PulsePro® PF Series pulsation dampeners are designed to provide protection for process instrumentation, eliminate vibration and provide smooth continuous flow.

Truflo® PulsePro® PF Pulsation Dampeners are chargeable and can be adjusted to best suit the process requirements. The PF series can eliminate up to 95% of the pulse caused by positive displacement pumps.

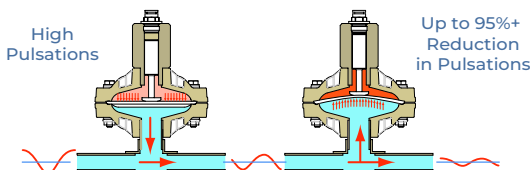
The PulsePro® PF Series pulsation dampeners consist of a flexible PTFE Diaphragm and an upper and lower chamber. The upper chamber is pressurized with air or nitrogen.

The PulsePro® PF 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 System Schematic



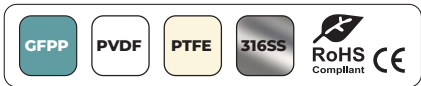
Pulse | Surge Compressor



Model Selection

PulsePro® PF			
Size	Part Number	Connection	Material
½" (21 cu)	PPPF-050-P	NPT	GFPP
¾" (36 cu)	PPPF-075-P	NPT	GFPP
1" (61 cu)	PPPF-100-P	NPT	GFPP
1¼" (122 cu)	PPPF-125-P	NPT	GFPP
1½" (244 cu)	PPPF-150-P	NPT	GFPP
½" (21 cu)	PPPF-050-F	NPT	PVDF
¾" (36 cu)	PPPF-075-F	NPT	PVDF
1" (61 cu)	PPPF-100-F	NPT	PVDF
1¼" (122 cu)	PPPF-125-F	NPT	PVDF
1½" (244 cu)	PPPF-150-F	NPT	PVDF
½" (21 cu)	PPPF-050-S	NPT	316 SS
¾" (36 cu)	PPPF-075-S	NPT	316 SS
1" (61 cu)	PPPF-100-S	NPT	316 SS
1¼" (122 cu)	PPPF-125-S	NPT	316 SS
1½" (244 cu)	PPPF-150-S	NPT	316 SS

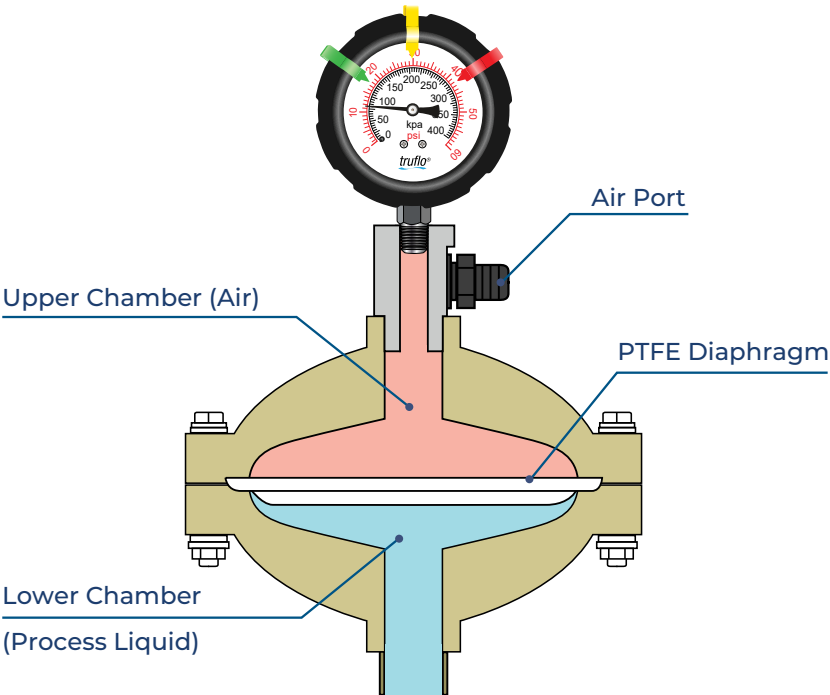
Includes Premium OBS-GO Series Gauge - Single Sided or Double Sided



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Pulsation Dampener

Components



OBS-GO Series
Pressure Gauge
(Single Sided)



OBS-DGO Series
Pressure Gauge
(Double Sided)

Technical Parameters

Part No.	Capacity		Pressure		Dimensions			
	cu in	L	MPa	psi	Connection (G)		H (mm)	D (mm)
					Thread	DN		
PPPF-050	21	0.35	1.6	232	½" FNPT	15	215	140
PPPF-075	36	0.6	1.6	232	¾" FNPT	20	235	174
PPPF-100	61	1.0	1.6	232	1" FNPT	25	260	205
PPPF-125	122	2.0	1.6	232	1¼" FNPT	32	313	255
PPPF-150	244	4.0	1.6	232	1½" FNPT	40	354	301

Maximum Pressure (psi) | 316SS Material

Size: ½" - 1½"			
20°C 68°F	40°C 104°F	60°C 140°F	80°C 176°F
235	235	235	235

