

# Truflo® — PulsePro® PF

## Plastic Pulsation Dampener

**ICON**™  
PROCESS CONTROLS

Corrosion-Free  
Instrumentation Equipment™



*truflo*®

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# Truflo® — PulsePro® PF Plastic 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 Connection



## Equipment Protection that Can Handle the Pressure

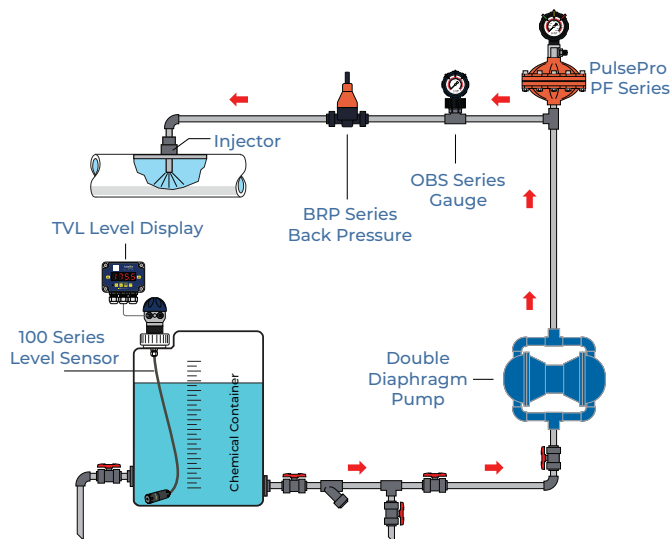
The **PulsePro® PF Series** pulsation dampeners are designed to provide protection for process instrumentation, eliminate vibration and provide smooth continuous flow.

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.

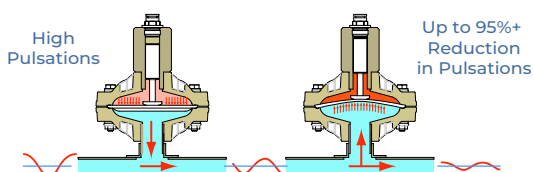
The PulsePro® PF Series pulsation dampeners consist of a flexible PTFE Diaphragm and an upper and lower chamber. The upper chamber is pressurized with air or nitrogen.

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

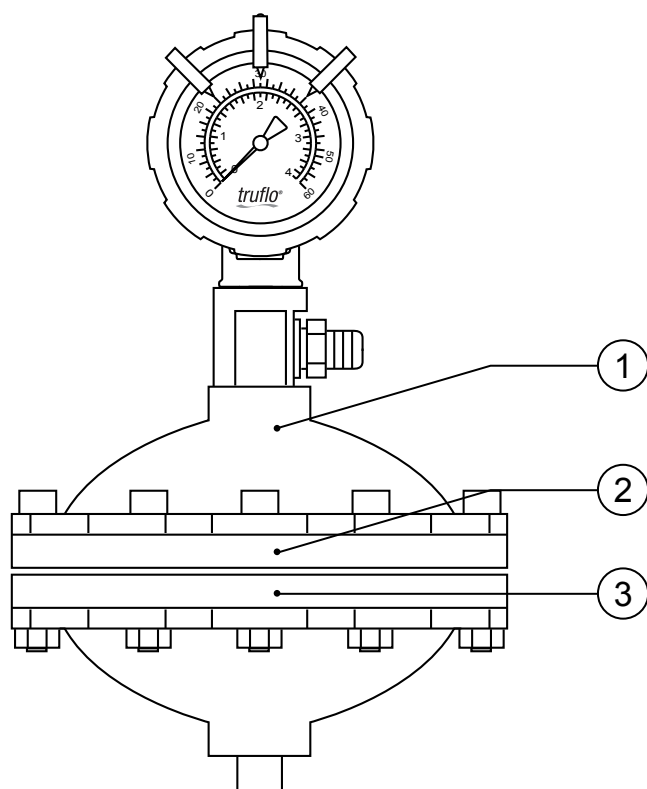
PulsePro® PF		
Size	Part Number	Material
½" (21 cu)	PPPF-050-P	GFPP
¾" (36 cu)	PPPF-075-P	GFPP
1" (61 cu)	PPPF-100-P	GFPP
1¼" (122 cu)	PPPF-125-P	GFPP
1½" (244 cu)	PPPF-150-P	GFPP
½" (21 cu)	PPPF-050-F	PVDF
¾" (36 cu)	PPPF-075-F	PVDF
1" (61 cu)	PPPF-100-F	PVDF
1¼" (122 cu)	PPPF-125-F	PVDF
1½" (244 cu)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

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



# Truflo® — PulsePro® PF

## Plastic Pulsation Dampener



### Parts

No.	Part	Pcs.	Material
1	Body	1	PP   PVDF
2	Upper Chamber	1	PP   PVDF
3	Diaphragm	1	FPM



OBS-GO Series  
Pressure Gauge  
(Single Sided)



OBS-DGO Series  
Pressure Gauge  
(Double Sided)

### Dimensions

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

### Maximum Pressure

Size: ½" - 1¼"   316 SS Maximum Pressure (Psi)			
20°C   68°F	40°C   104°F	60°C   140°F	80°C   176°F
235	235	235	235

