

SENTRY XP SERIES

HIGH PRESSURE STAINLESS STEEL

**INNOVATIONS IN EXTREME PULSATION DAMPENING
FOR EXTREME APPLICATIONS.**



Shown with
optional gauge
assembly.

EXTREME PRESSURE

SENTRY XP dampeners in 316L Stainless Steel with pressure ratings to 15,000 psi (1,034 bar) and optional pressure gauge are ideally suited for metering and dosing applications typical in the oil and gas industry.



AGGRESSIVE FLUIDS

With excellent chemical and thermal resistance, our patented PTFE Bellows design offers excellent flex life, compatibility with virtually all chemicals and solvents, and can withstand temperatures up to 220°F (104°C). Pressure rating to 5,000 psi (345 bar).



HIGH FREQUENCY

Our newest XPH dampeners with a flow-through design are specifically designed to remove high frequency pulses greater than 15 Hz in addition to low frequency pulses. Removes hydraulic and acoustic pulses.



ABOUT

XPH High Frequency Dampeners

Blacoh's newest SENTRY XPH high pressure stainless steel pulsation dampener with a flow-through inlet is specifically designed to remove high frequency pulses greater than 15 Hz, as well as low frequency pulses. The XPH dampener's unique design allows it to effectively remove both hydraulic pulses and acoustic pulses, and with a properly sized XPH unit, residual pulsation of less than 1% can be achieved. In high performance applications where it is desirable to obtain exceptionally smooth pressure and flow, an XPH series dampener is the preferred choice.



Corrosion resistant 316L Stainless Steel solid shell with positive seal threaded cap in 8, 12 and 24 cu inches (0.13, 0.20 and 0.39 L).



Choose from elastomer bladders in BUNA-N, EPDM and VITON or, our patented PTFE Bellows.*



1/2" FNPT and BSP threaded and flow-through inlets, 9/16" autoclave, ANSI class flanges, or DIN flanges.



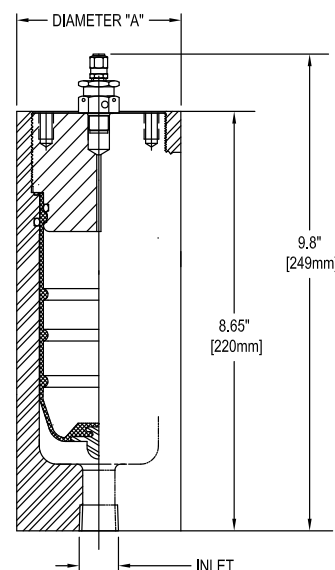
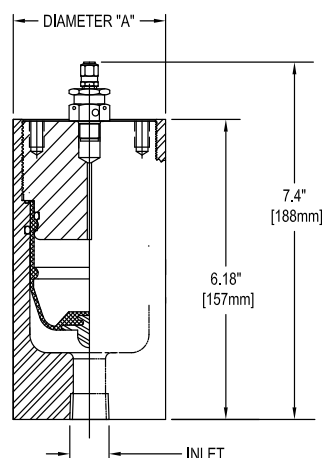
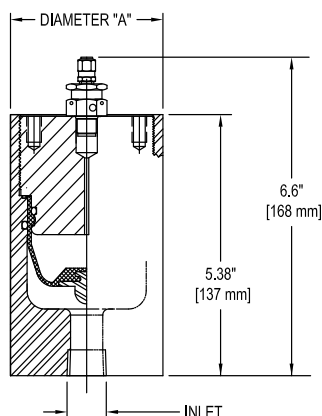
ATEX specific models conforming to EU directives, and CRN for Canadian provinces.

* US D675,721S

XP 8 CUBIC IN (.13L)

XP 12 CUBIC IN (.20L)

XP 24 CUBIC IN (.39L)



	XPA	XPB	XPX
Material of Construction	316L Stainless Steel		
Elastomeric Bladders	BUNA-N, EPDM, VITON		
PTFE Bellows	12 and 24 cubic inch models		
CRN	ATEX and CRN models available		
Inlet Style	<u>Bottom:</u> 1/2" NPT 1/2" BSP Flange	<u>Flow-Through:</u> 1/2" NPT 1/2" BSP	<u>Bottom:</u> 1/2" NPT 1/2" BSP Flange 9/16" Autoclave
Pressure Ratings	Up to 7,500 PSI		Up to 15,000 PSI
Diameter "A" <i>Varying Upon Pressure Rating</i>	Starting at 3.25"		Starting at 5.0"

PTFE BELLOWS

Also available with PTFE Bellows up to 5,000 PSI (345 bar). High pressure, highly aggressive fluid and high temperature? No problem. With excellent chemical and thermal resistance, our PTFE bellows have an excellent flex life, are compatible with virtually all chemicals and solvents, and can withstand temperatures up to 220°F (104°C).



Part of the

BLACOH™
FLUID CONTROL

family of products

