ACCU-PULSE HIIIF

Pulsation Dampeners

Chargeable / Metal / Flat Top

- remove pulsating flows from positive displacement pumps
- increase system efficiency and pump life
- decrease maintenance and costs
- protect pipes, meters, instruments, valves, gaskets and seals from pulsation and vibration
- ensure meter accuracy, longevity and repeatability
- reduce pressure fluctations and diaphragm wear
- prevent foaming and splashing

FEATURES

- CRN is available on certain metallic units
- extensive range of materials
- lightweight, compact design
- 1000 psi rating (Teflon 600 psi)
- easy in-line maintenance
- 2 year warranty

Technical Data

Unit Capacity:	175 CU In	***Weight:***	26-27 pounds
Air Control:	Gas Fill Valve		
Inlet Port:	2" NPTF		
Pressure Limit:	1000 psi at 70° F **		
Shell Materials:	316L Stainless Steel, Alloy 20, Hastelloy C, Carbon Steel		
Elastomers:	Neoprene, Buna-N, EPDM, Viton, Hypalon, Teflon (max 600 psi)		

***Caution: Temperature and pressure affect the strength and chemical resistance of plastic and rubber.*

PRIMARY FLUID SYSTEMS INC.

Call Toll Free 1-800-776-6580
Tel (905) 333-8743 Fax (905) 333-8746

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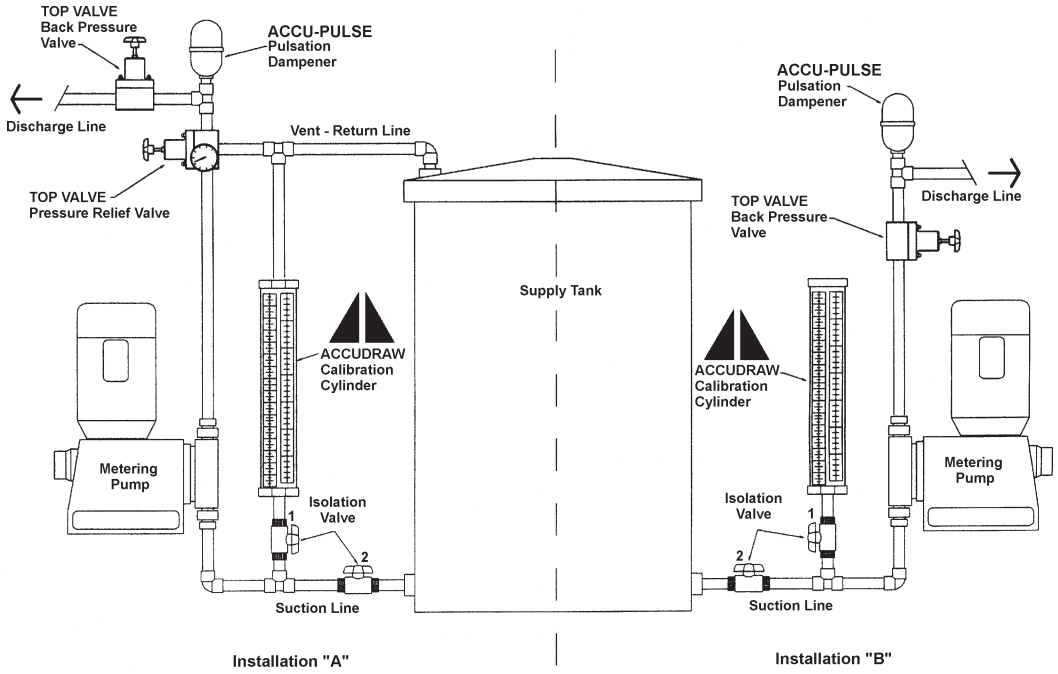
ACCU-PULSE HIIIF Pulsation Dampeners

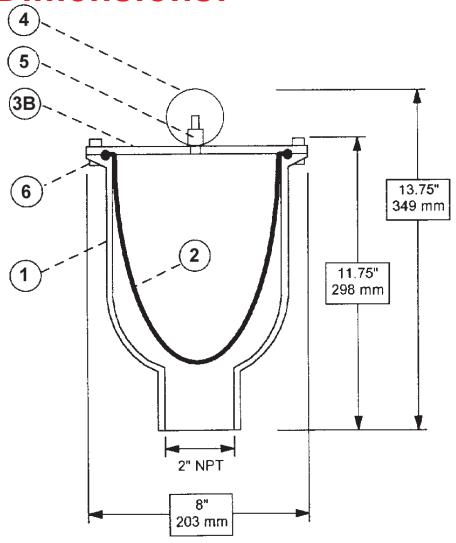
Operation:

ACCU-Pulse pulsation dampeners operate on the principal that volume is inversely proportional to pressure. Compressed air or gas is introduced into the top section of ACCU-Pulse to a specified pressure that must be lower than the pump's discharge pressure. When a pump or valve introduces a pulse, fluid enters the dampener and compresses the trapped gas. The fluid remains in the dampener until the system pressure returns to normal, when the valve is reopened or the pump begins its next cycle. The fluid is then pushed back into the system piping as the trapped gas expands. ACCU-Pulse does NOT restrict fluid flow, or increase system pressure. ACCU-Pulse fills the fluid voids and pressure fluctuations created by reciprocating pumps.

Typical Installations:



Dimensions:



Parts Description:

Item	Part#	Qty	Description	Material
1	901-28	1	Wetted Housing	316 Stainless Steel
	907-28		Wetted Housing	Alloy 20
	905-28		Wetted Housing	Hastelloy C
⌖2	105-25	1	Bladder with S/S anti-extrusion button	Neoprene
	205-28		Bladder with S/S anti-extrusion button	EPDM
	205-29		Bladder with S/S anti-extrusion button	Buna - N
	205-30		Bladder with S/S anti-extrusion button	Hypalon
	205-25		Bladder with S/S anti-extrusion button	Viton
	105-55		Bladder with S/S anti-extrusion button	Aflas
	101-10		Bladder	Teflon
3B	901-43	1	NonWetted Housing	316 Stainless Steel
⌖4	G32	1	Gauge (Elastomer Bladders)	S/S / Brass
	G36	1	Gauge (Teflon Bladders)	Plastic/Brass
⌖5	102-70	1	Fill Valve	Stainless Steel
6	921-47	8	Fastener Assembly	Stainless Steel
For alloy 20 and hastelloy units, consult factory for bladders				
+ only used with Teflon Bladders				
⌖ Recommended Spare Parts				

Distributed by:

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