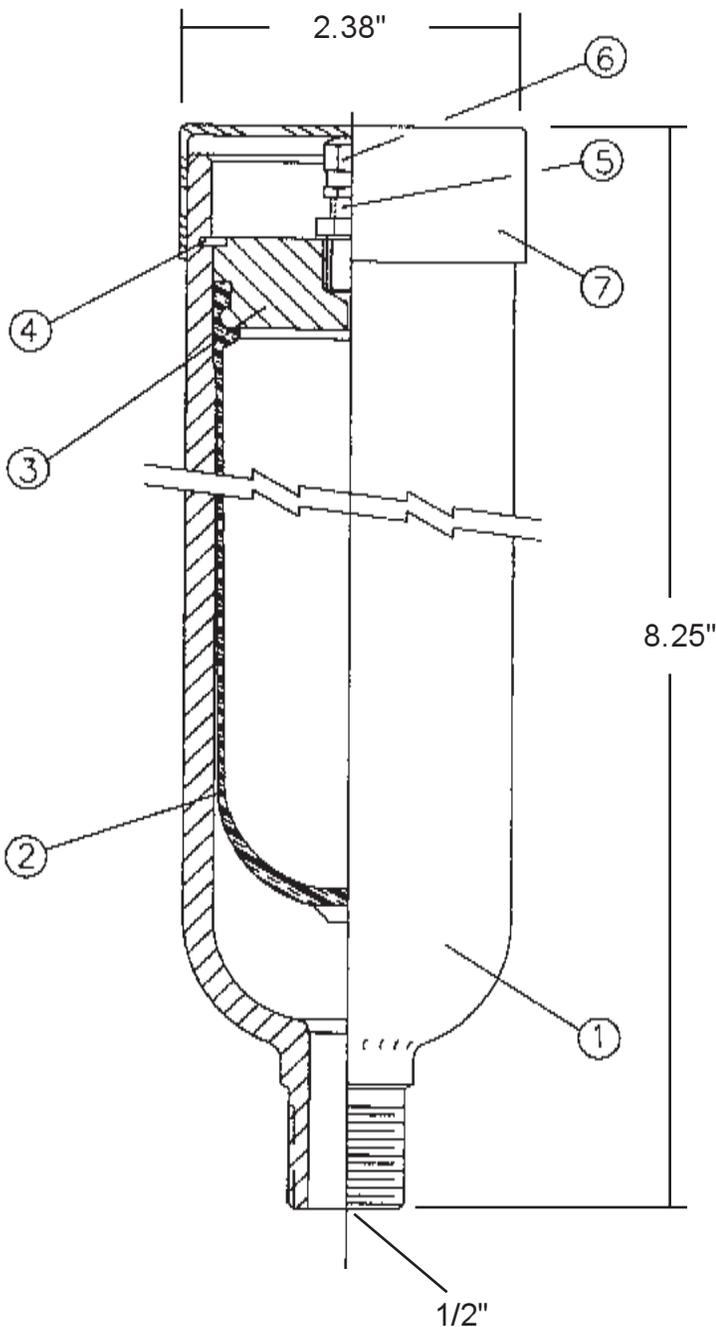


Models 22010

Pulsation Dampener



ITEM #	DESCRIPTION	QUANTITY
1	Shell	1
2	Bladder*	1
3	Head	1
4	Retaining Ring	1
5	Gas Valve	1
6	Valve Cap	1
7	Protective Cover	1

* Replaceable adapter

Note: Precharge pressure should be 1/2 of operating pressure

OPERATING CONDITIONS

Maximum Flow:	15 GPM
Maximum Pressure:	3000 P.S.I.
Maximum Temperature:	200 °F
Pressure Precharge:	1500 P.S.I. Max
Connection:	1/2" MNPT
Weight:	4 lbs.
Capacity:	30 cu in.
Burst Strength:	12,000 P.S.I.

Instructions for removal of bladder assembly

1. Close shutoff valve or isolate the Pulsation Dampener from the fluid system.
2. Open bleed valve to exhaust any residual hydraulic pressure.
3. Remove valve cap.
4. Open gas valve to release all gas pressure from the bladder assembly.
5. Push end plate in to unseat the spiral retaining ring.
6. Remove the spiral retaining ring.
7. Pack retaining ring groove with Vaseline.
8. Remove end plate from shell. (Pressure at nozzle is useful.)

Instructions for reassembly of bladder assembly

1. Pack retaining ring groove with Vaseline and lubricate shell I.D.
2. Assemble bladder and end plate.
3. Push bladder and end plate assembly into shell, slightly beyond retaining ring groove.
Be certain end plate is square and not tilted.
4. Install spiral retaining ring.
5. Precharge the Pulsation Dampener to the required pressure with dry nitrogen gas.
6. Place valve cap on gas valve.



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