

Fluid Energy Controls

Bladder Accumulators 3,000 PSI Design

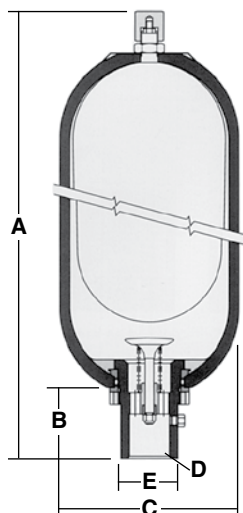
Typical applications:

- **Construction/mining equipment** — emergency backup for steering and brakes.
- **Hydrostatic drive** — shock absorption when changing directions.
- **Injecting molding/die casting** — high pressure in a short time period.
- **Plunger/diaphragm pumps** — production control.
- **Fork lifts** — pressure spike dampening.
- **Machine tools** — pressure maintenance with pump size reduction.
- **Transportation vehicles** — suspension systems and braking backup.
- **Turbine engines** — oil supply for lubrication.
- **Winches** — maintaining line tension.
- **Blow out preventors, oil wells** — standby power for shutoff valves.
- **Pipelines** — water hammer and surge control.

Specifications:

- ASME coded and stamped per Section VIII, Div. I
- Rated at 3,000 psi maximum working pressure
- Carbon steel shell
- Buna N bladder

For any special sizes not listed, please contact factory.



NOMINAL SIZE	NPT THREAD PART NO.	GAS VOL. CU.IN. (cm ³)	DRY WT. LB. (kg)	DIMENSIONS, Inches (mm)					REPAIR KIT PART NO.
				A	B	C	D (NPT)	E	
1 QUART	7570000	68.4 (1,121)	10 (4.5)	11.12 (282)	2.00 (51)	4.50 (114)	3/4" F	1.62 (41)	5250038
1 GAL.	7575000	226 (3,704)	34 (15)	17.00 (432)	3.50 (89)	6.75 (171)	1 1/4" F	2.37 (60)	5250002
2 1/2 GAL.	7580000	555 (9,096)	80 (36)	21.38 (543)	3.62 (92)	9.06 (230)	2" F	3.00 (76)	5250020
5 GAL.	7585000	1,095 (17,947)	120 (55)	33.38 (848)	3.62 (92)	9.06 (230)	2" F	3.00 (76)	5250024
10 GAL.	7590000	2,080 (34,091)	220 (100)	54.38 (1382)	3.62 (92)	9.06 (230)	2" F	3.00 (76)	5250006
11 GAL.	7592000	2,400 (39,330)	240 (109)	59.88 (1521)	3.62 (92)	9.06 (230)	2" F	3.00 (76)	5250039
15 GAL.	7595000	3,460 (56,709)	305 (139)	77.88 (1978)	3.62 (92)	9.06 (230)	2" F	3.00 (76)	5250004

Notes:

All dimensions and weights are for general information only. Please verify all critical dimensions with Fluid Energy Controls. Other materials of construction, pressure and connection are available upon request.