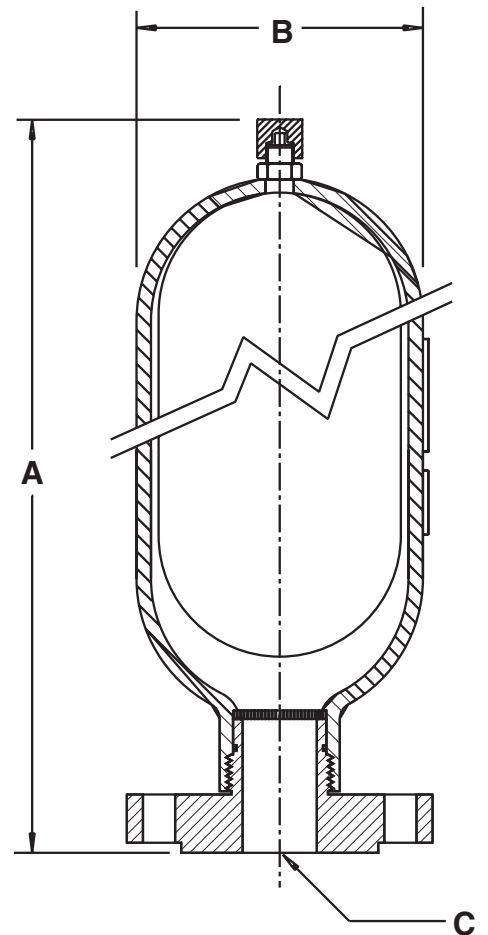


Bottom Repairable Surge Suppressors

- Shell assembly: Carbon steel, epoxy coated internally
- Other wetted parts: 300 series stainless steel
- Design pressure: 275 PSI
- Bladder material: Buna-N; Other compounds available
- ASME Coded per Section VIII, Div. 1, U-Stamped, National Board Registered

Nominal Size gal.	"A" in. (Aprox.)	"B" Dia. in.	"C" Fluid Port Connection	Est. Dry Wt. lb.	Model Number	
					Surge Suppressors	Repair Kit
2.5	17½	8⅝	3"-150# ANSI Flange	49	7652000	5250102
5	29¼	8⅝	3"-150# ANSI Flange	86	7653000	5250074
10	50	8⅝	3"-150# ANSI Flange	138	7654000	5250087



Pre-Charge Monitor Schedule

The Accumulators, Surge Suppressors and Pulsation dampeners shipped from the factory of Fluid Energy Controls are only pre-charged to 20 psi with dry Nitrogen gas. This pre-charge protects the bladders from getting damaged during shipping. After installation of the unit, the bladder inside the unit needs to be properly pre-charged with dry Nitrogen gas to 70-80% of the working pressure of the pipeline. The pre-charging is accomplished before the fluid starts pumping in the pipeline.

For newly installed units, the pre-charge should be monitored every two weeks. There should be no fluid pumping through the pipeline during this process. If the pre-charge has dropped, then more Nitrogen gas should be pumped into the bladder to raise the pre-charge in the bladder to the recommended pressure. When there is no loss of pre-charge noticed, the pre-charge should be monitored every four weeks.

Caution: Do not use Oxygen or air to pre-charge the bladder. Use only Nitrogen for pre-charging.