



1. Shell

Stauff accumulator shells are made from chrome-molybdenum alloy steel (SA372) with forged ends for maximum strength providing a minimum 4 to 1 design factor at normal operating pressures. All sizes comply with ASME material specifications, 1 gallon & larger are supplied with ASME Certifications upon request.

2. Bladder

Stauff bladders are manufactured from the most advanced elastomers which are capable of meeting a wide range of systems requirements. Bladders are offered in a variety of compounds to meet a wide range of fluids and operating temperatures. Stauff's standard material is low temperature Buna (LTB).

3. Bladder Stems

All bladder accumulators, sizes 1 gallon and larger, are fitted as standard with a two-piece bladder stem and a replaceable gas valve cartridge for ease of serviceability.

4. Port Assemblies

Standard oil service ports are made from high-strength alloy steel for maximum durability.

5. Fluid Ports

SAE straight thread (standard), NPT and Split Flange Adaptors are available (See page A52). A Bleed Port (plugged) is included as standard on all accumulator sizes 1 gallon and larger.

6. Gas Valve

All accumulators are fitted with a gas valve for ease of gas pre-charging. One-gallon and larger units are equipped with a cored gas valve cartridge (ISO-4570-8V1) for ease of maintenance. 5000 PSI units are equipped with a high pressure cored gas valve cartridge (ISO-4570-8V1). For safety, the gas valve vents if unscrewed.

7. Top Repairable

The top repairable design permits easy maintenance of the Accumulator Bladder without removing the Accumulator from service, thus minimizing costly downtime.