

Maintenance-Free Accumulators Reservoirs

SPACE-QUALIFIED SINCE THE GEMINI PROGRAM

Mission Critical Dependability

IMPERVIOUS TO TEMPERATURE EXTREMES
LONG LIFE
ZERO LEAKAGE
NO ELASTOMERIC SEALS



www.metalbellows.com/space



Applications

Welded metal bellows accumulators and reservoirs are suitable for use in hydraulic, fuel and coolant systems

Advantages

Superior Dependability

- All welded metal construction
- No elastomeric seals to wear or degrade over time

Maintenance Free

- Designed for the life of the platform/vehicle
- Eliminates the need to recharge
- Eliminates auxilirary support equipment

Improved Performance

- Impervious to high and low temperature extremes
- Fast response
- No internal friction
- Corrosion resistant

Precision Factory Pre-charge

- Optimizes performance
- Minimizes variation

Pressure Vessels

- High strength alloys
- Weight optimized materials
- Corrosion resistant alloys

Optimized Designs

 Custom engineered solutions for your specific application

Hermetically Sealed

- Helium mass spectrometer levels
- Zero Leakage

We provide engineered solutions for all of your mission-critical fluid handling, thermal management and actuation needs.



For any questions or to engage with our technical team, please contact us at

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