



LOGOS

High Pressure Vessels

Product Catalog

The High Pressure Vessel is engineered to operate at pressures up to 1000 Barg, ensuring robust performance for demanding applications. It features ZeroLeakage and Lifetime Sealing options, providing unparalleled reliability and safety. Available in a variety of materials, including titanium, stainless steel, aluminum, and composite, these pressure vessels are versatile and durable. They are ideal for IIR seeker cooling, ammunition release, pneumatic power systems, and gas distribution systems, adhering to stringent defense and aerospace standards. With Pyrovalf flow starter options and compliance with MIL-STD 810 G tests, these vessels meet the highest industry standards.

The SAPV (Solenoid Activated Pressure Vessel) and PAPV (Pyro Activated Pressure Vessel) are two specialized types within this range. The SAPV offers precise control through solenoid activation, making it suitable for applications requiring accurate pressure management. On the other hand, the PAPV uses pyro activation, providing a rapid and reliable pressure release mechanism for critical operations. Both models are designed to deliver exceptional performance and reliability in the most demanding environments.

Small-bodied and Lightweight

316SS Body Structure

It maintains the purity of the fluid passing through it in accordance with DEF-STAN 58/96 (Table 2).

Easy to install

Maximum Working Pressure	1000 bar
Ambient Temperature Range	-40 / 120°C
Reset	±%10
Precision	±%5
Flow Capacity	Flow Curve Expr. 240514 Logos Catalog
Vent Port Size	1/16" Welded Pipe
Input Port	LM4
Weight	200 gr
Dimensions	95 x 22 Hex

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