

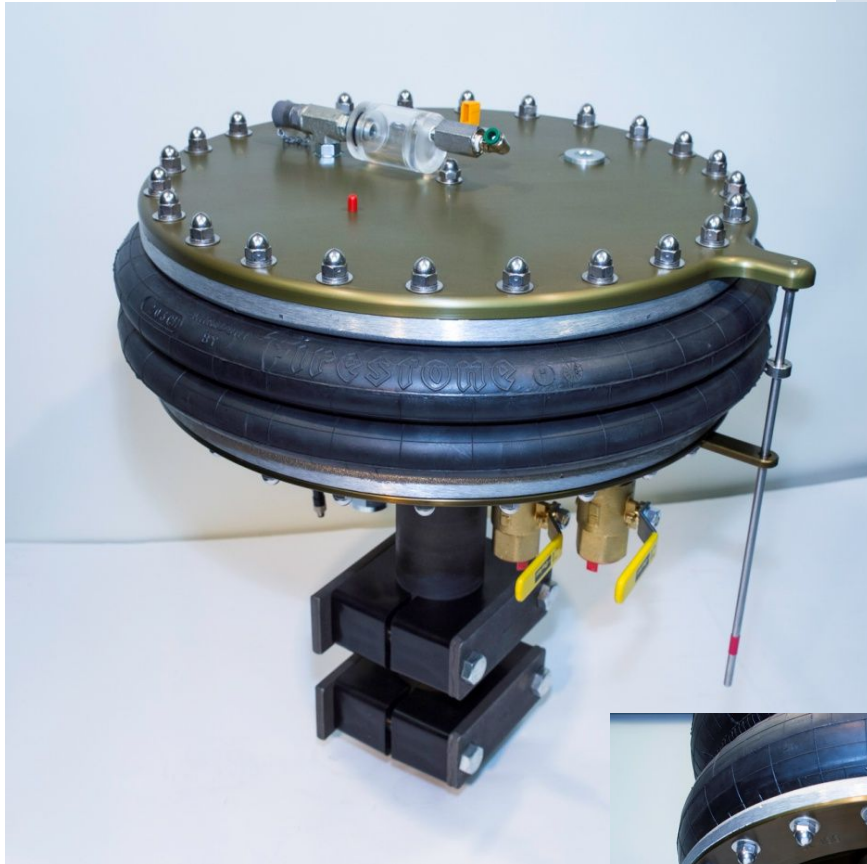


# Smart Reservoir

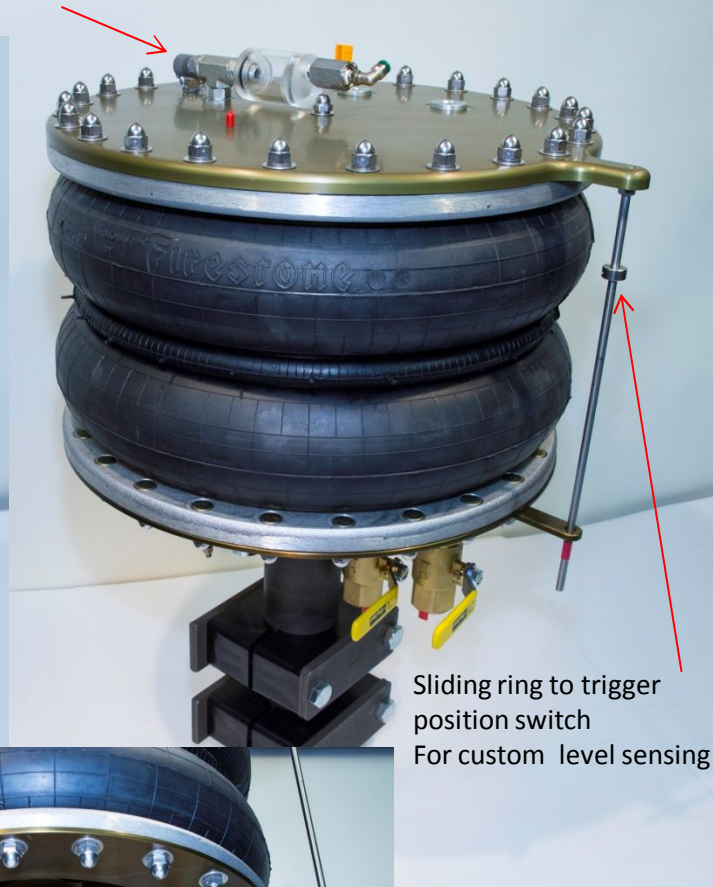
**Variable Volume Reservoir**

**VVR1300**

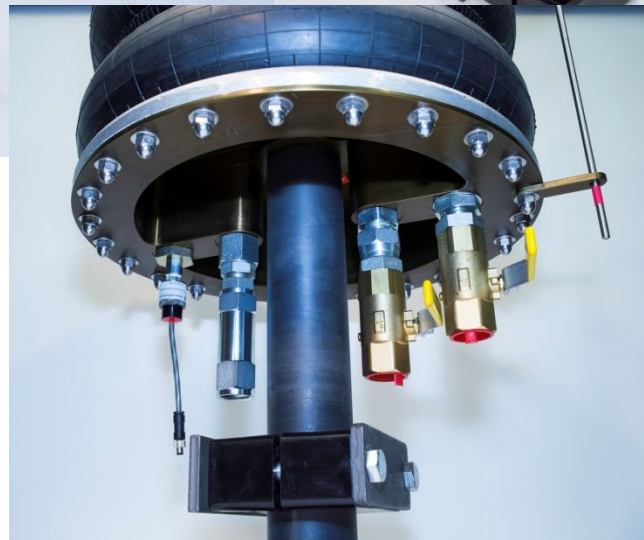
# VVR1300-BV-LS1M8-AC-R



Pressure test coupling (M16x2.0)



Sliding ring to trigger position switch  
For custom level sensing



## Features;

- Dual isolation ball valve (SAE-16)
- 2 x SAE-12 auxiliary ports on top cover
- Air bleed valve & sight glass assembly
- Low level detection switch (24% level) with M8 connector + 2m cable with mating connector
- Overboard protection relief valve (15 PSI)
- Mounting clamps

## Option;

- 2 x 250 w/120Vac heater pads for operating temperature below -20°C / -4°F

# VVR 1300



## Pressure graph and general specifications

Stroke distance (in)	Pressure (PSI)	% compression (16")	Specifications
0	0	0	<b>Displacement @ 6" / 9 PSI</b> 21,4 liters 1300 in <sup>3</sup> 5,65 US gal.  <b>Fill volume (Housing volume)</b> 7,75 liters 473 in <sup>3</sup> 2 US gal.  <b>Weight empty</b> 37,2 Kg 82 lb  <b>Weight full</b> +25Kg + 55.5lb  <b>H empty</b> 59,7cm 23.5"  <b>H full</b> 73,7cm 29.5"  <b>Max diameter</b> Ø 50,8cm Ø 20"  <b>Operating temperature</b> -20°C to 107°C -4°F to 225°F
1	0.5	0.75	
2	1	1.1	
3	1.5	1.5	
4	2	1.8	
5	2.5	2.2	
6	3	2.7	
7	3.5	3.2	
8	4	3.8	
9	4.5	4.6	
10	5	5.5	
11	5.5	6.6	
12	6	9	
13	6.25	12	
14			
15			
16			

NOTE 1: Maximum compression = 50%

NOTE 2: Bellows maximum extension: 6 in.

NOTE 3: Pump/motor max case drain pressure ≥ 10 PSI

