

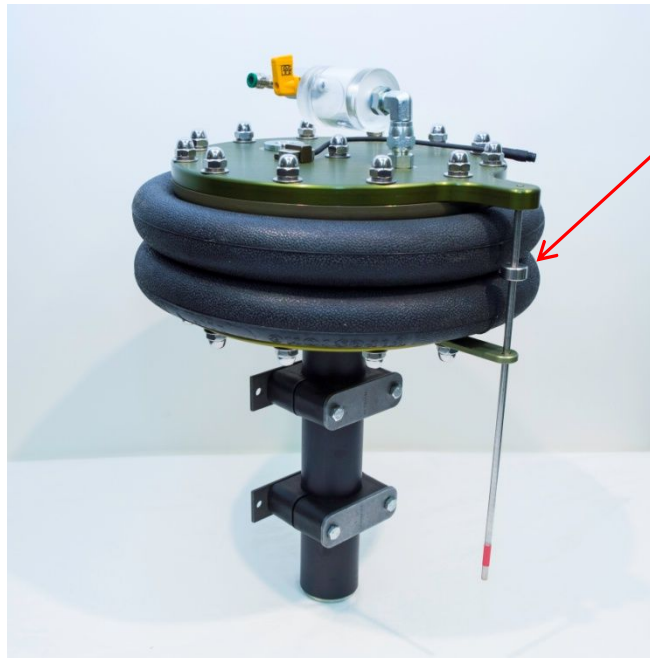
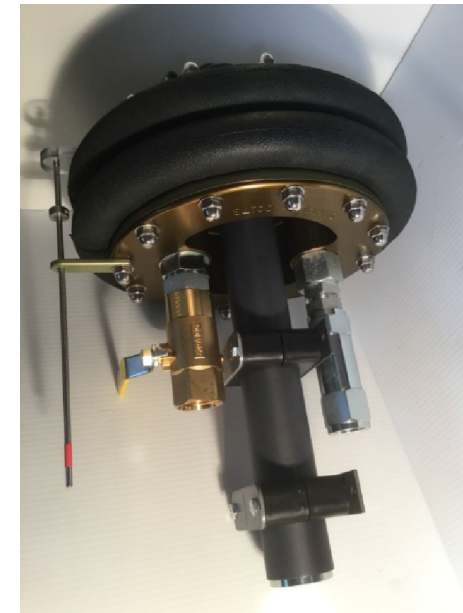
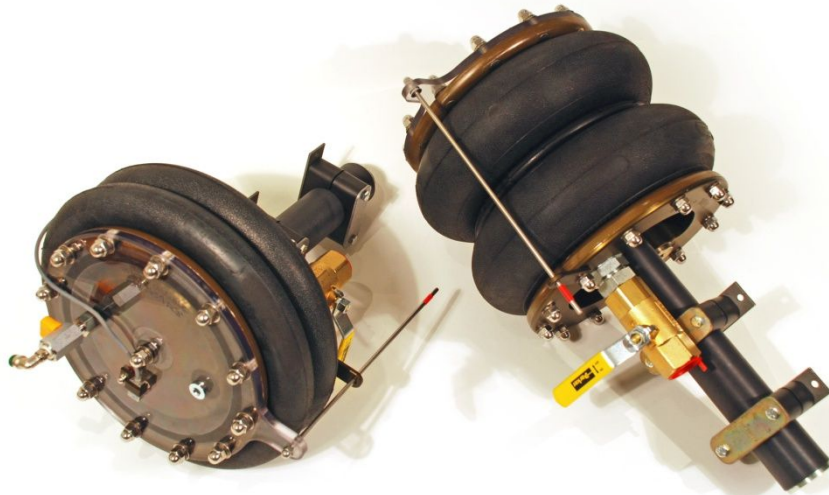


# Smart Reservoir

**Variable Volume Reservoir**

**VVR400**

# VVR400-BV-LSM8-AC



Sliding ring to trigger position switch  
For custom level sensing

## Features;

- Isolation ball valve (SAE-16)
- Air bleed valve & sight glass assembly
- Low level detection switch (5% level) with M8 connector + 2m cable with mating connector
- SAE-16 auxiliary port on bottom housing
- SAE-12 auxiliary port on top cover
- Mounting clamps

## Options;

- Low level switch set a 20% level (M8 connector)
- Overboard relief valve (set at 15 PSI)
- 125W /120Vac heater pad for operating temperature below -20°C / 4°F

# VVR 400



## Pressure graph and general specifications

Stroke distance (in)	Pressure (PSI)	% compression (12")	Specifications
0	0	0	<b>Displacement @ 5,5" /7,5 PSI</b> 6,6 liters 400 in <sup>3</sup> 1,7 US gal. <b>Fill volume</b> 1,2 liters (Housing volume) 73 in <sup>3</sup> 0,32 US gal. <b>Weight empty</b> 11 Kg 24 lb <b>Weight full</b> 17,6Kg 38,8lb <b>Height empty</b> 45,7cm 18" <b>Height full</b> 58,4cm 23" <b>Max diameter</b> Ø 33 cm Ø 13" <b>Operating temperature</b> -20°C to 107°C -4°F to 225°F
1	0.5	0.4	
2	1	0.75	
3	1.5	1.1	
4	2	1.5	
5	2.5	2	
6	3	2.6	
7	3.5	3.2	
8	4	3.8	
9	4.5	4.7	
10	5	5.8	
11	5.5	7.5	
12	6	9	
13			
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

