

## Vacuum vessel BE03



### description:

Vacuum vessels are used to store larger quantities of media while maintaining a constant vacuum. Thanks to the included sockets, the vessel can be filled or emptied.

### features:

- suitable for mixtures of compressed air, nitrogen or water
- with pressure test certificate
- Longitudinal seams welded on both sides for safety with high pressure fluctuation range

**volume:**  
150 litre – 2000 litre

**design:**  
vertical or horizontal

**pressure:**  
-1 bar (vacuum)

**temperature:**  
-10°C - +50°C

**cleaning closure:**

150 litre: no cleaning closure  
250 – 500 litre: 1 cleaning closure  
750 – 2000 litre: 2 cleaning closures  
-10°C - +50°C

**temperature resistance:**  
**material:**

Steel galvanized inside and outside  
Steel primed (inside raw)

**pressure:**

- 1 bar (vacuum)

**dimensions for vertical vacuum vessel:**

volume	diameter	height	weight
150 litre	450 mm	1165 mm	65 kg
250 litre	500 mm	1550 mm	105 kg
350 litre	550 mm	1770 mm	130 kg
500 litre	600 mm	1940 mm	150 kg
750 litre	750 mm	2005 mm	200 kg
1000 litre	800 mm	2120 mm	260 kg
1500 litre	1000 mm	2200 mm	410 kg
2000 litre	1100 mm	2470 mm	470 kg

**dimensions for horizontal vacuum vessel:**

volume	diameter	height	length	weight
150 litre	450 mm	580 mm	1030 mm	80 kg
250 litre	500 mm	632 mm	1400 mm	125 kg
350 litre	550 mm	670 mm	1620 mm	150 kg
500 litre	600 mm	705 mm	1780 mm	150 kg
750 litre	750 mm	857 mm	1860 mm	150 kg
1000 litre	800 mm	905 mm	2120 mm	300 kg
1500 litre	1000 mm	1200 mm	2000 mm	410 kg
2000 litre	1100 mm	1300 mm	2270 mm	480 kg

**connections for vacuum vessel:**

volume	∅	vertical	horizontal
150 litre	450 mm	2 x G 1/2", 1 x G 1", 4 x G 1 1/4", 2 x G 1 1/2"	3 x G 1/2", 2 x G 2"
250 litre	500 mm	2 x G 1/2", 6 x G 1 1/2"	3 x G 1/2", 2 x G 1 1/2"
350 litre	550 mm	2 x G 1/2", 6 x G 1 1/2"	2 x G 1/2", 1 x G 3/4", 2 x G 1 1/2"
500 litre	600 mm	2 x G 1/2", 6 x G 1 1/2"	2 x G 1/2", 1 x G 1 1/4", 2 x G 1 1/2"
750 litre	750 mm	2 x G 1/2", 6 x G 1 1/2"	2 x G 1/2", 1 x G 1 1/4", 2 x G 1 1/2"
1000 litre	800 mm	2 x G 1/2", 6 x G 1 1/2"	2 x G 1/2", 1 x G 1 1/4", 2 x G 1 1/2"
1500 litre	1000 mm	2 x G 1/2", 6 x G 1 1/2"	2 x G 1/2", 1 x G 3/4", 2 x G 1", 4 x G 2"
2000 litre	1100 mm	2 x G 1/2", 6 x G 1 1/2"	2 x G 1/2", 1 x G 3/4", 1 x G 1", 4 x G 2"

**article number:**

type	version	material	pressure	design	volume
<b>BE03</b>	<b>0 – vacuum</b>	<b>0 – Steel galvanized</b> 1 – Steel primed	<b>0 – - 1 bar</b>	0 – vertical <b>1 - horizontal</b>	03 – 150 litre 04 – 250 litre 05 – 350 litre <b>06 – 500 litre</b> 07 – 750 litre 08 – 1000 litre 09 – 1500 litre 10 – 2000 litre

**example Nr. BE03000106**

<b>BE03</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>06</b>
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Vacuum vessel  
 material: Steel galvanized  
 pressure: - 1 bar (vacuum)  
 design: horizontal  
 volume: 500 litre

Special modifications are possible on request, such as:

- with painting
- socket modification
- with flanges
- with man hole closure (320 mm x 420 mm) from vessel size of 1000 litre
- inner coating suitable fro drinking water from vessel size of 1000 litre

**Important: Completely customized vacuum vessel can also be requested**

Image similar, subject change without notice