

# Vertical Low Pressure Volume Tanks

SKU: 7081V / 7082V / 7083V / 7084V / 7085V / 7086V

Price: ?0.00



## Description

Vertical low pressure volume tanks work together with low pressure compressors. Available in a variety of custom configurations, including:

- Stainless steel or powder coated steel
- Framed or frameless volume tank
- With or without breathing air filtration
- ASME or non-ASME rated
- Sizes from 30-240 gallon capacity (114-908 L)

## Sizing Guideline for Volume Tanks

As a rule of thumb, a minimum of 1-gallon storage (3.8 L) per cubic foot per minute (CFM) compressor output (28.3 L/min). For example, the Champion R15 continuous-duty pump (SKU [LP-R15](#)) producing 23 CFM @ 175 psi (651 L/min @ 12 bar) would require a 30 gal (114 L) volume tank. Larger volume tanks will allow for more unload time and less compressor cycling. Larger volume tanks also allow more moisture to drop out of the air before filtration.

Working pressure for low pressure volume tanks is 140 psi (9.7 bar). Most ASME-rated volume tanks are rated at 200 psi (13.8 bar). Volume tanks with working pressures of 250 psi (17.2 bar) and 300 psi (20.7 bar) are available on special order.

Most designs are stocked for immediate shipment. Please allow additional time for breathing air filtration system installation.

## Horizontal Volume Tanks & Volume Tanks with Frame Sizes

Capacity

Approximate Sizes

<b>Gallons (Liters)</b>	<b>Volume Tank Without Frame (H x Dia)</b>	<b>Volume Tank With Frame (L x W x H)</b>
30 (114)	40.8 x 16 in 103.6 x 40.6 cm	Call for Details
60 (227)	50.8 x 20 in 129 x 50.8 cm	Call for Details
80 (303)	65.8 x 20 in 167.1 x 50.8 cm	Call for Details
120 (454)	75 x 24 in 190.5 x 61 cm	38 x 30 x 84.4 in 96.5 x 76.2 x 214.4 cm
200 (757)	80 x 30 in 203.2 x 76.2 cm	44 x 44 x 90.4 in 111.8 x 111.8 x 229.6 cm
240 (909)	92 x 30 in 233.7 x 76.2 cm	Call for Details