

Miniature Vacuum Pumps

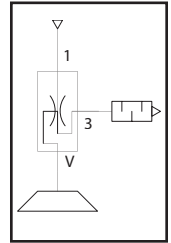


VR Series

With the ANVER series of Mini-Vacuum Pumps, you can connect compressed air directly at your vacuum cup. This creates a vacuum at the load, which minimizes the potential for loss of vacuum through tubing. These mini vacuum generators can be used to transform a vacuum cup into a complete lifting system. Several mini-generators can be mounted to a compressed air manifold system to pick up large groupings of separate items or one load. If some items are missing, the others will not lose vacuum, because they are supplied separately. Simply shut off the exhaust port or the supply of compressed air to release the load. ANVER recommends using the VR05 for cups with a diameter of up to 1 inch (25 mm), and the VR07 or VR09 for cups with a diameter of 1 inch (25 mm) and 4 inches (102 mm). Any model may be used on all small cups, and all systems should be tested for suitability.

Can be mounted right on the suction cup for millisecond attach and release packaging applications.

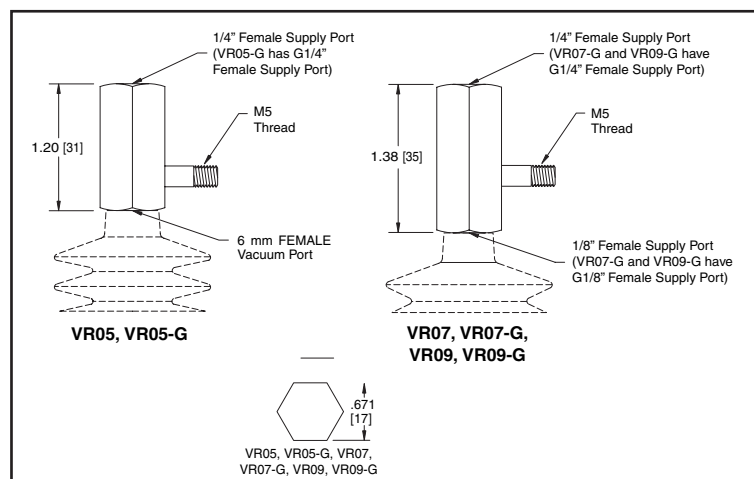
Important: Keep in mind that if you use VR valves right on a cup and you loose compressed air power you have no check valve in the system and thus no way to stop a load from letting go.



Features:

- Compact - size of a fitting
- Economical
- Simple Mounting and construction
- No Moving Parts to break down
- Low Air Consumption
- Lightweight yet rugged

ANVER Item No.	Top Supply Port Thread	Bottom Vacuum Port Thread	Side Exhaust Port Thread	Vacuum Flow scfm (l/min.)	Max. Vacuum Level in. Hg (mm Hg)	Air Consumption scfm (l/min.)	Supply Pressure (psi)
VR05	1/4" NPT Female	6 mm Female	M5 Male	0.50 (14)	26 (660)	0.74 (21)	72.5
VR05-G	G 1/4" Female	6 mm Female	M5 Male	0.50 (14)	26 (660)	0.74 (21)	72.5
VR07	1/4" NPT Female	1/8" NPT Female	M5 Male	0.50 (14)	26 (660)	0.74 (21)	72.5
VR07-G	G 1/4" Female	G 1/8" Female	M5 Male	0.50 (14)	26 (660)	0.74 (21)	72.5
VR09	1/4" NPT Female	1/8" NPT Female	M5 Male	0.74 (21)	26 (660)	1.27 (36)	72.5
VR09-G	G 1/4" Female	G 1/8" Female	M5 Male	0.74 (21)	26 (660)	1.27 (36)	72.5



➔ This spec sheet was adapted for print from our website. Additional information and photos are available at www.anver.com. 9032501