



The lightweight Electric-Powered (EVL) and Air-Powered (AVL) Vertical Vacuum Lifters are designed to significantly reduce the effort of lifting vertical loads while providing powerful suction force. Built with safety in mind, these lifters are loaded with protective features including: a VLS, 9V battery powered vacuum leakage sensor and warning system; an attach/release slide valve with safety lock (EVL-Series Only); and locking knobs on the adjustable vacuum pad, slide assemblies, and crossarms (when applicable). The EVL and AVL Series Lifters are capacity rated at a maximum vacuum level of 24 in. Hg (609.6 mm Hg) at sea level with a 4:1 safety factor on vacuum holding (unless otherwise specified).

Constructed with an ergonomic lifter handlebar and welded steel lifting frame, operators can use this equipment with ease and comfort for a wide range of loads and applications.

\*Load weight and depth affect the final angle that the lifter achieves. Consult ANVER for loads thicker than 2 in. (51mm) due to center of gravity offset.

Note: The unit weight does not include optional accessories.

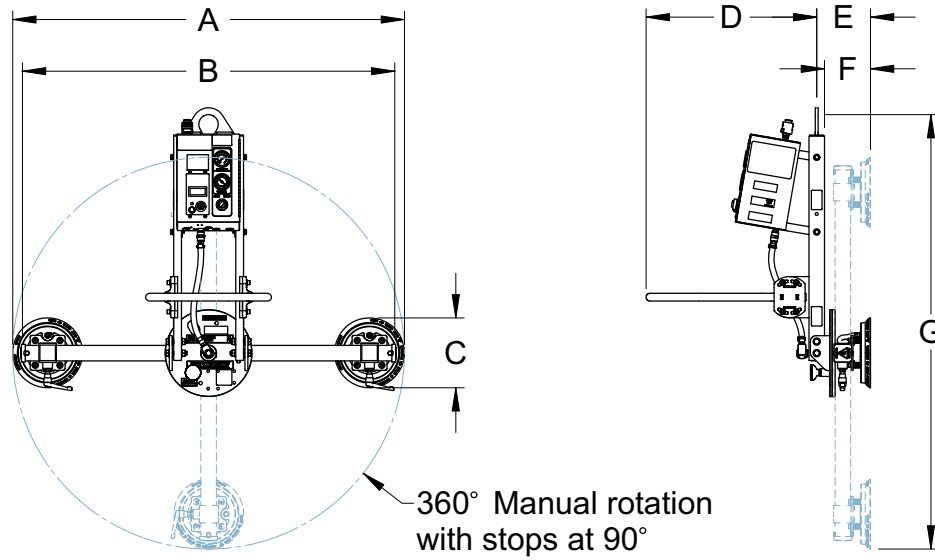
## Features

### Air Powered AVL-Series

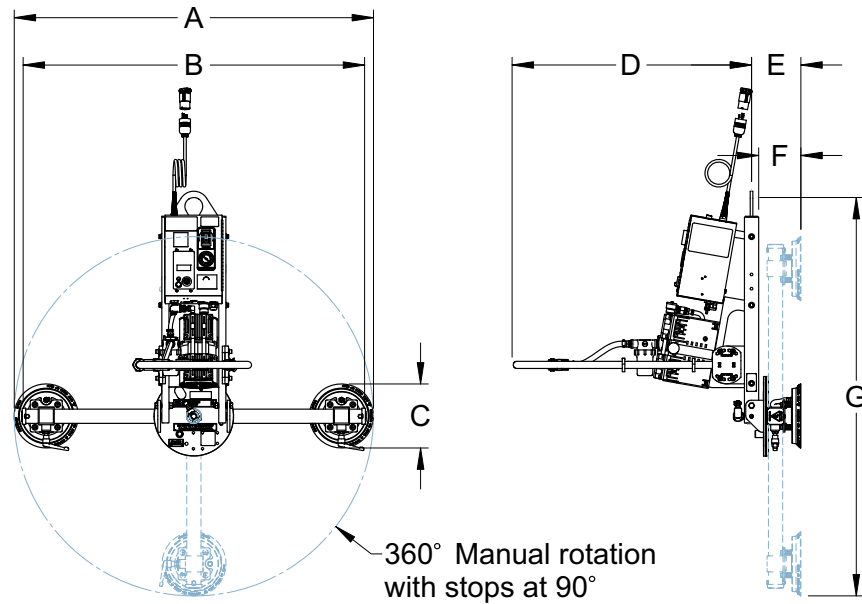
- AL1001 vacuum generator with vacuum and pressure gauges and attach/release switch mounted on the enclosure.
- Power required: 90psi; clean, dry compressed air, 6.1 SCFM (172.7 l/min)
- 3/8 NPT air inlet with locking slide valve, 100% duty cycle.
- VLS, 9V battery powered vacuum leakage sensor and warning system
- Pre-set pressure regulator to allow lifter to be operated on lines with higher supply pressure
- Single-stage Venturi with check valve to halt loss of vacuum from generator in case of air supply failure

### Electric Powered EVL-Series

- EP1001 vacuum generator with vacuum gauge and master on/off switch
- Power required: 115V/60hz/1ph/5A. 15 amp service required.
- Vacuum pump/motor 4.3 SCFM (121.8 l/min), 1/2 HP; equipped with thermal sensor to prevent overheating and 100% duty cycle
- VLS, 9V battery powered vacuum leakage sensor and warning system
- Resettable circuit breaker for vacuum pump.
- Electrical cord with twist lock, male and female receptacles
- Check valve to halt loss of vacuum in case of electrical power failure



Model No.	AVL25M2-24MR	AVL25M2-36MR	AVL25M2-48MR
Rated Load Capacity [lbs (kg.)]	250 (113)	250 (113)	250 (113)
Unit Weight [lbs (kg.)]	90 (41)	95 (44)	100 (46)
A Pad Distances Maximum [in. (mm)]	26 (660)	38 (965)	50 (1270)
A Pad Distances Minimum [in. (mm)]	24 (610)	24 (610)	24 (610)
B Beam Length [in. (mm)]	24 (610)	36 (914)	48 (1219)
C Pad Dimension [in. (mm)]	9.25 (235)	9.25 (235)	9.25 (235)
D Handlebar Length [in. (mm)]	33 (838)	33 (838)	33 (838)
E Pad Distance From Bail [in. (mm)]	7.5 (191)	7.5 (191)	7.5 (191)
F Pad Distance From Frame [in. (mm)]	5.5 (140)	5.5 (140)	5.5 (140)
G Headroom Maximum [in. (mm)]	47 (1194)	59 (1499)	71 (1803)
Suggested Maximum Load Dimensions [ft. (M)]	8 x 4 (2.4 x 1.2)	8 x 4 (2.4 x 1.2)	8 x 4 (2.4 x 1.2)
Pad Number	VP90	VP90	VP90



Model No.	EVL25M2-24MR	EVL25M2-36MR	EVL25M2-48MR
Rated Load Capacity [lbs (kg.)]	250 (113)	250 (113)	250 (113)
Unit Weight [lbs (kg.)]	106 (48)	111 (51)	116 (53)
A Pad Distances Maximum [in. (mm)]	26 (660)	38 (965)	50 (1270)
A Pad Distances Minimum [in. (mm)]	24 (610)	24 (610)	24 (610)
B Beam Length [in. (mm)]	24 (610)	36 (914)	48 (1219)
C Pad Dimension [in. (mm)]	9.25 (235)	9.25 (235)	9.25 (235)
D Handlebar Length [in. (mm)]	33 (838)	33 (838)	33 (838)
E Pad Distance From Bail [in. (mm)]	7.5 (191)	7.5 (191)	7.5 (191)
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