



CONTINUOUS RUN VENT UNLOADERS

Mark IV Load Genie®

The LGM 40 - Mark IV Load Genie continues in the traditions of the original Mark II and the Mark III. The Mark IV combines all components required for a continuous run compressor application: the pilot valve, the vent valve, and the check valve. Since the Mark IV is a "vent" unloader, built-in compressor head unloaders are not required.

The compact size and the combination of straight-through or 90° flow design of the Mark IV make installation easy. Simply install the Mark IV into the air receiver and attach the compressor discharge line to the valve inlet. The Mark IV is suitable for compressors of up to 30 SCFM delivery.

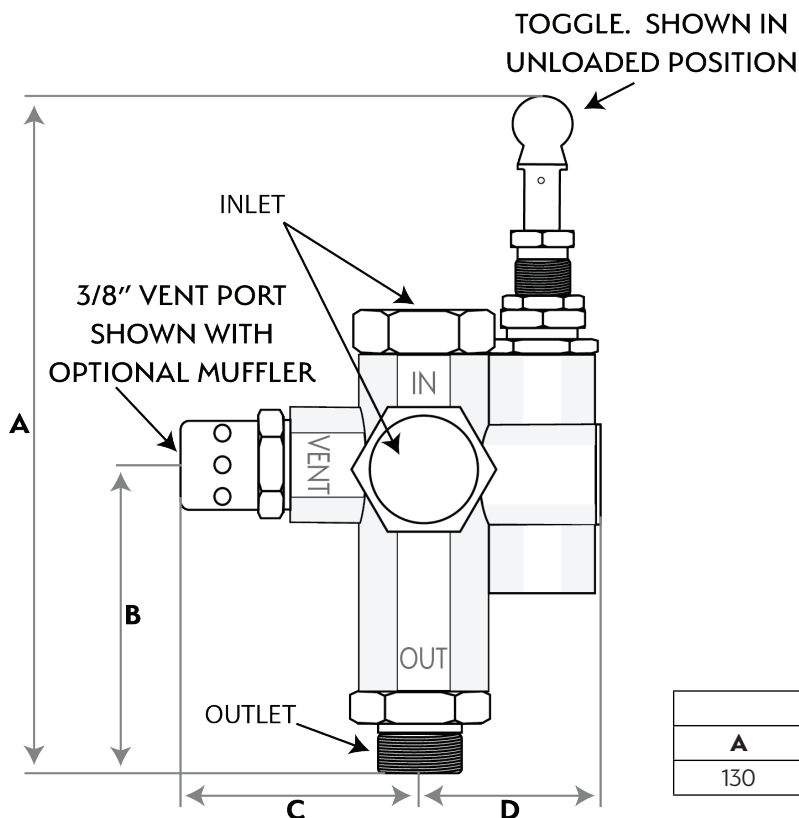
Cut-in and cut-out pressure settings are factory set to 109 psi (751 kPa) cut-in and 138 psi (951 kPa) cut-out. Minimum cut-out pressure is 60 PSI (415 kPa) and maximum cut-out pressure is 250 PSI (1725 kPa). The valve is also field adjustable.

Details of construction include a forged brass body, zinc plated steel internal components, fluorocarbon piston ring, stainless steel springs, and a glass filled fluopolymer check valve poppet.



Options include a 1/8" NPT tapped port for throttle control of gas engine, a lockout clip for "dual control" applications, a special 1/8" NPT tapped port for a pressure switch unloader valve, a vent port muffler, and a toggle unloading lever for one-hand warm up control.

| Model | Inlet Female | Outlet Male | Vent Outlet Female | Max Flow Rate | Cut-In (psi) | Cut-Out (psi) | Weight (kgs) | Part Number |
|-------|--------------|-------------|--------------------|---------------|--------------|---------------|--------------|-------------|
| LGM40 | 1/2" NPT | 1/2" NPT | 3/8" NPT | 30 SCFM | 109 | 138 | 0.71 | 4002340 |



| Dimensions (mm) | | | |
|-----------------|----|----|----|
| A | B | C | D |
| 130 | 61 | 50 | 35 |

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