

Continuous Run Vent Unloaders

Mark 2 Load Genie®

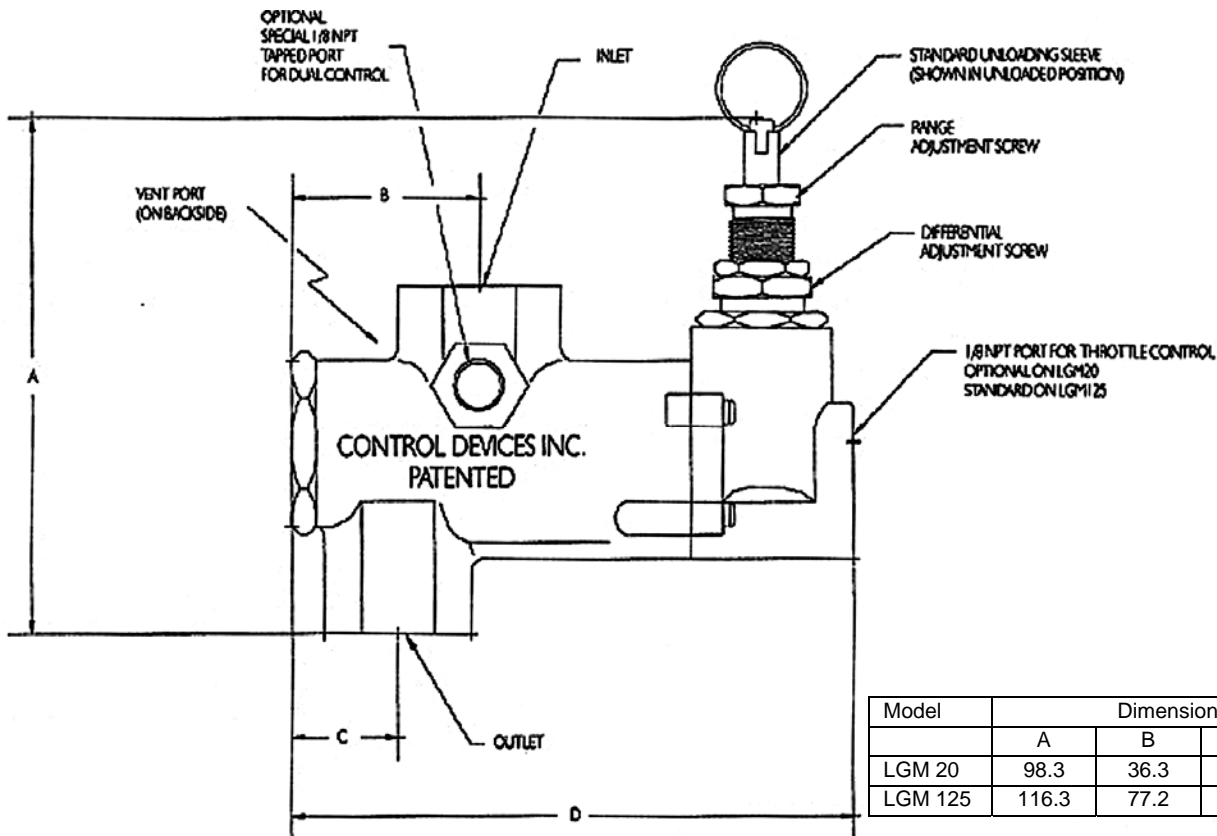
The **LGM 20** - Mark II is a self-contained unloading valve, which can be used wherever a continuous run compressor is required. The compressor may need to run continuously because the air demanded is close to the maximum output of the compressor, or because the compressor is driven by a gasoline or diesel engine.

Since the Mark II is a "vent" unloader, no built-in head unloaders are required on the compressor. The Mark II contains all components required: the pilot valve, the vent valve, and a check valve. Simply install the Mark II in the discharge line between the compressor and receiver.

Valve cut-in and cut-out pressures are factory set per customer specifications. 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.

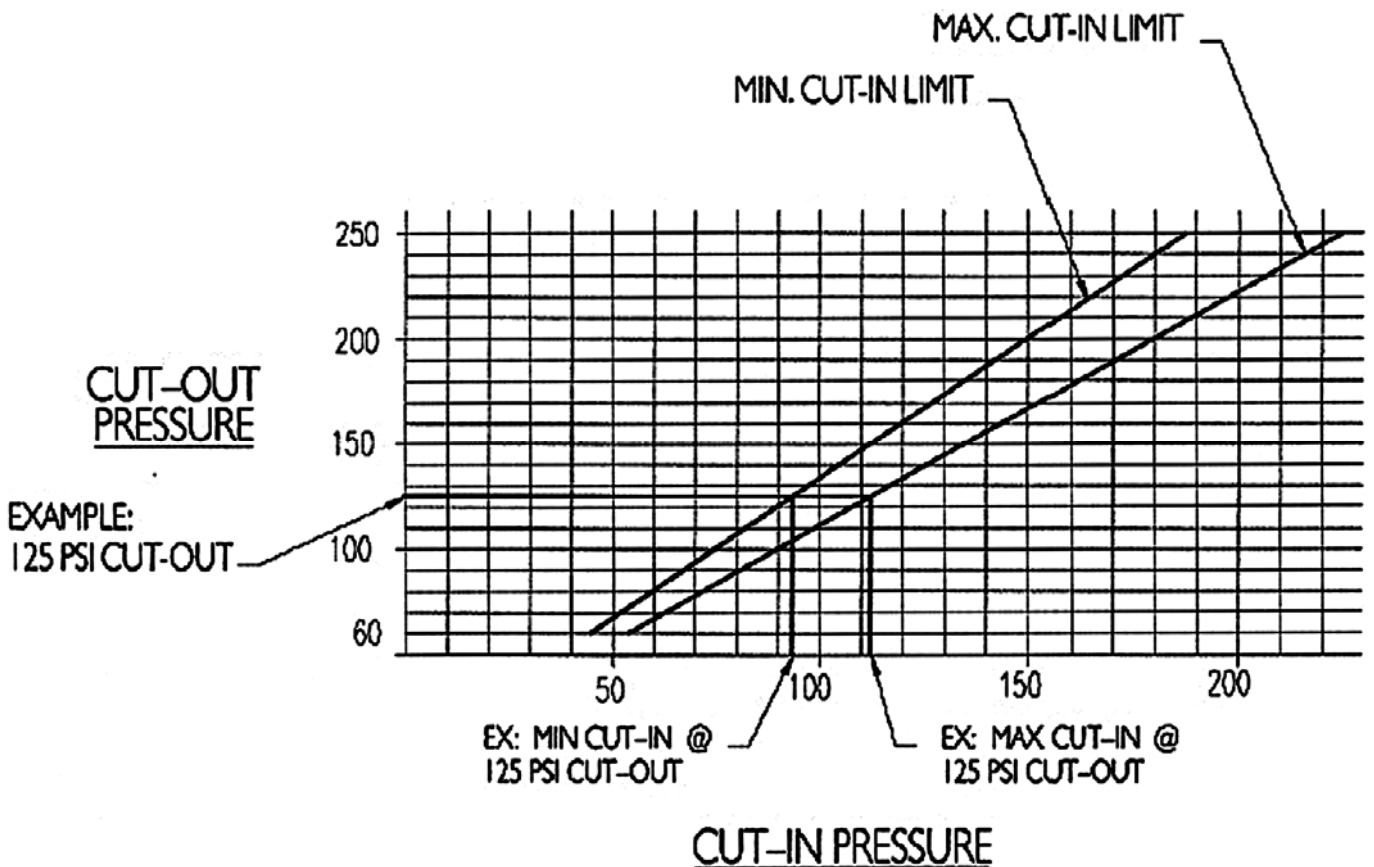
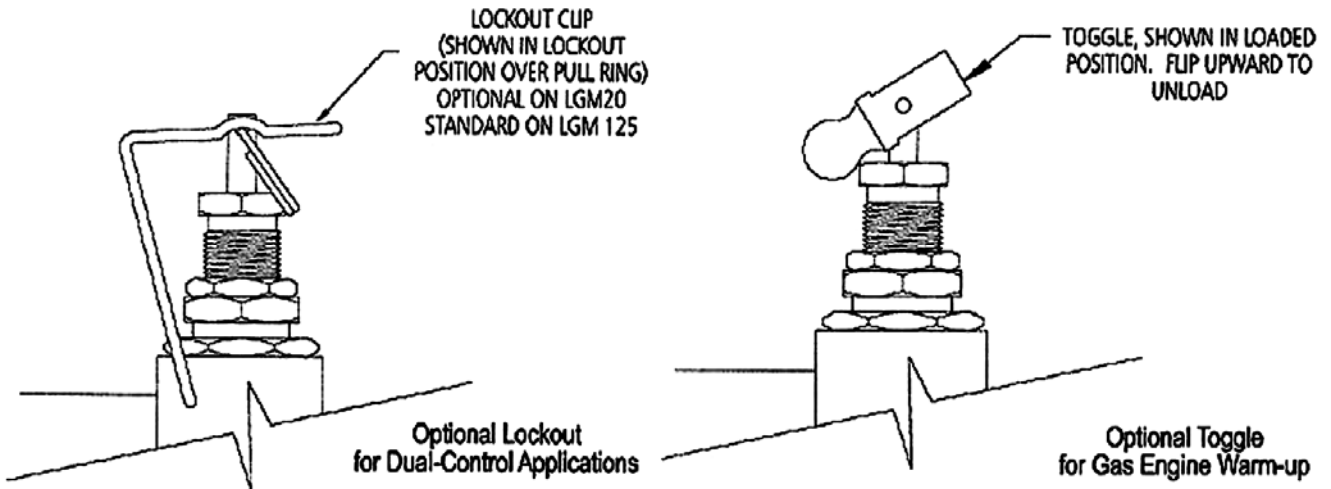
Details of construction include a forged brass body, brass and zinc-plated steel internal components, stainless steel springs, and glass filled fluoropolymer poppets. Valve is available in two sizes, LGM20 for applications up to 20 SCFM, and LGM125 for applications up to 125 SCFM.

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



Model	Dimensions (mm)			
	A	B	C	D
LGM 20	98.3	36.3	20.5	109.5
LGM 125	116.3	77.2	40.1	192.0

Mark 2 Load Genie®



Model	Inlet Female	Outlet Female	Vent Outlet	Max Flow Rate	Cut-In (psi)	Cut-Out (psi)	Weight (kgs)	Part Number
LGM 20	1/2" NPT	1/2" NPT	3/8" NPT	20 SCFM	109	138	0.8	4002300
LGM 125	1-1/4" NPT	1-1/4" NPT	1" NPT	125 SCFM	95	115	2.8	4003000
KTM 200	LGM 20 Repair Kit							4002400

Continuous Run Vent Unloaders

Mark 3 Load Genie®

The **LGM 30** - Mark III continues the tradition of the original Mark II. 25 years of experience were incorporated into the design and development of this continuous run control.

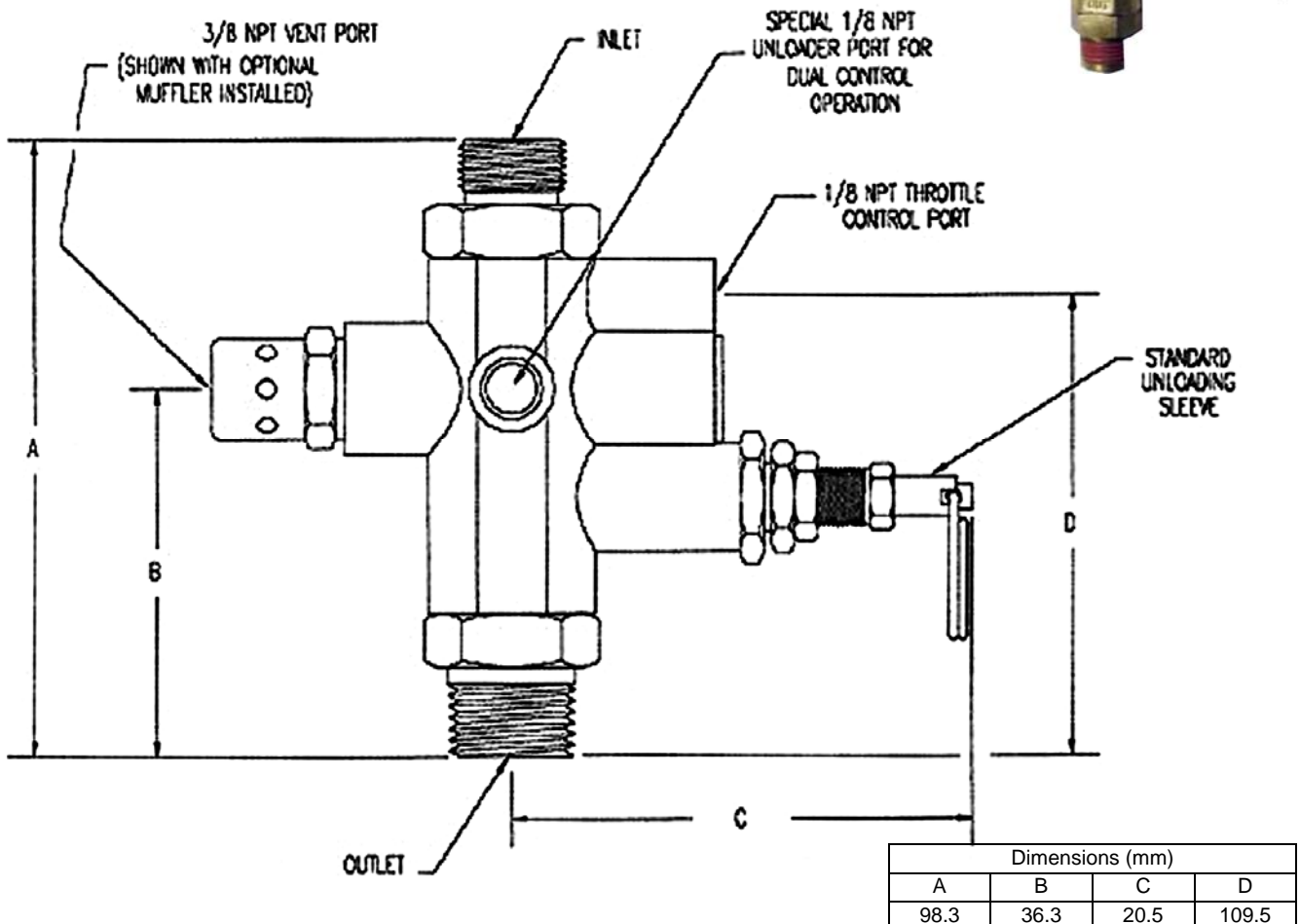
The Mark III combines all components required for a continuous run compressor application: the pilot valve, the vent valve, and the check valve. Since the Mark III is a "vent" unloader, built-in compressor head unloaders are not required.

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

Cut-in and cut-out pressure settings are factory set to customer specifications. Minimum cut-out pressure is 250 PSI (1725 kPa). The valve is also field adjustable.

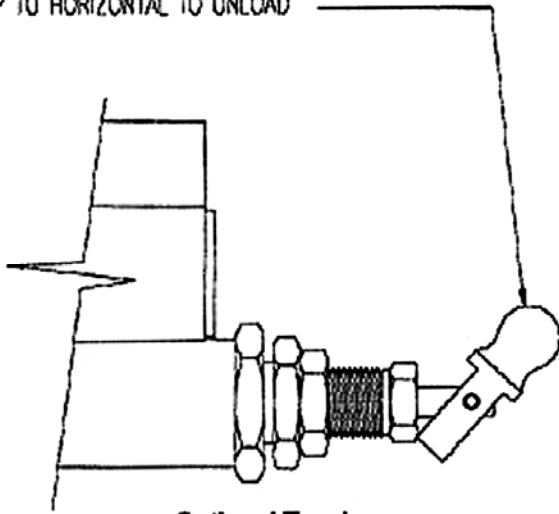
Details of construction include a forged brass body, zinc-plated steel internal components, fluorocarbon piston ring, stainless steel springs, and a glass-filled fluopolymer check valve poppet.

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



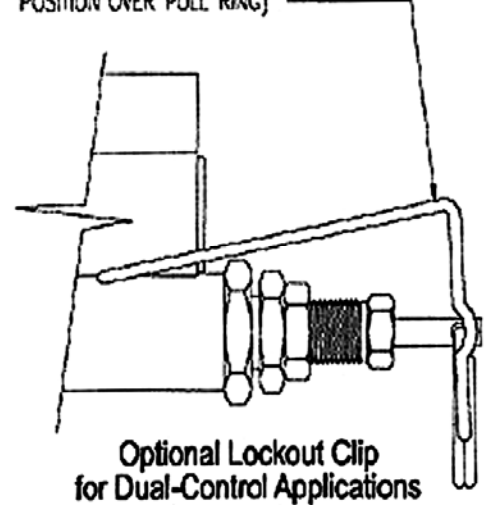
Mark 3 Load Genie®

TOGGLE, SHOWN IN LOADED POSITION
FLIP TO HORIZONTAL TO UNLOAD

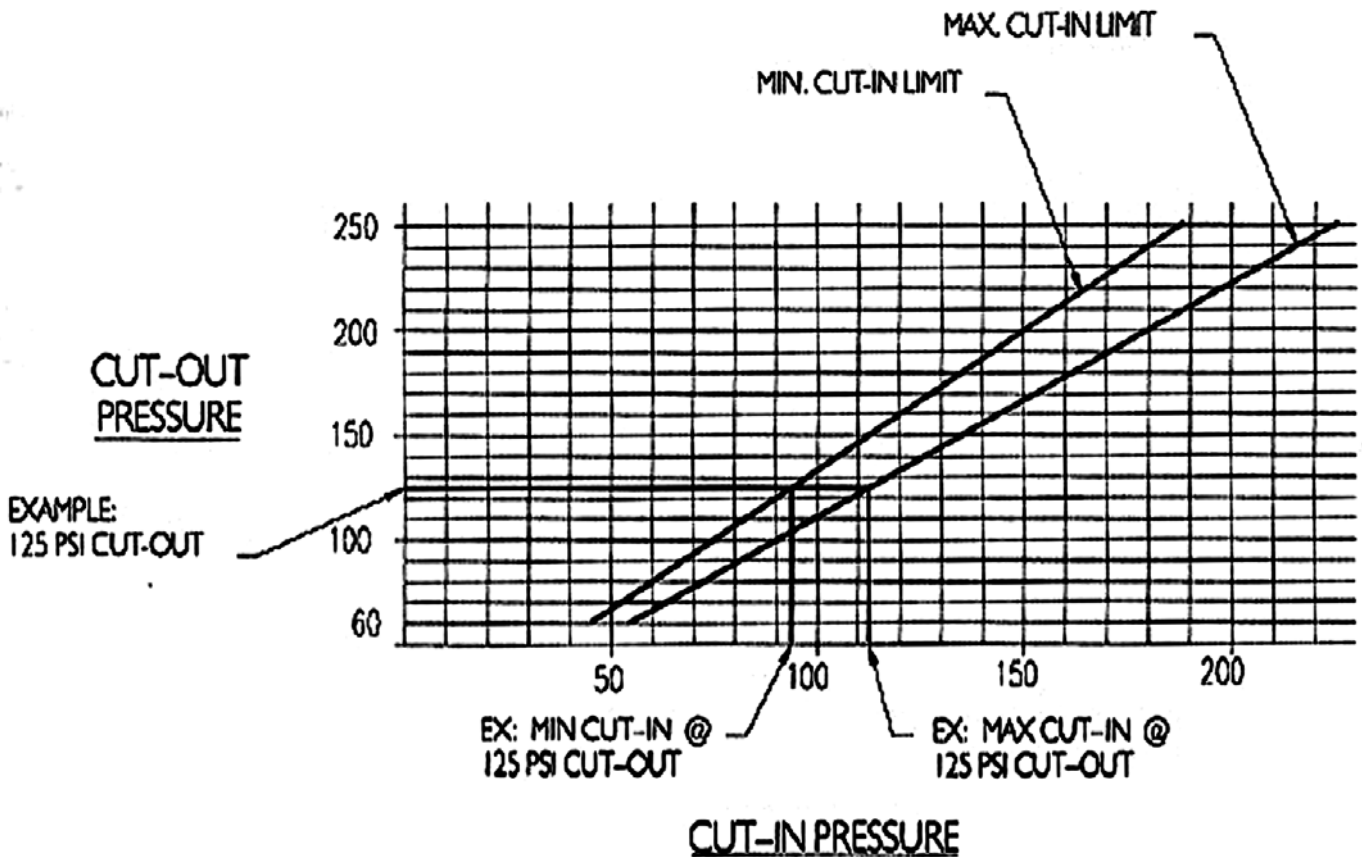


Optional Toggle
for Gas Engine Warm-up

LOCKOUT CLIP
(SHOWN IN LOCKOUT
POSITION OVER PULL RING)



Optional Lockout Clip
for Dual-Control Applications



Model	Inlet	Outlet	Vent Outlet Female	Max Flow Rate	Cut-In (psi)	Cut-Out (psi)	Weight (kgs)	Part Number
LGM 30	1/2" NPT F	1/2" NPT M	3/8" NPT	30 SCFM	109	138	0.5	4002330
LGM 30	1/2" Comp	1/2" NPT M	3/8" NPT	30 SCFM	95	115	0.5	4002331
LGM 30	Flare #8JIC	1/2" NPT M	3/8" NPT	30 SCFM	95	125	0.5	4002332
KTM 300	LGM 30 Repair Kit							4002335

Continuous Run Vent Unloader

Mark 4 Load Genie®

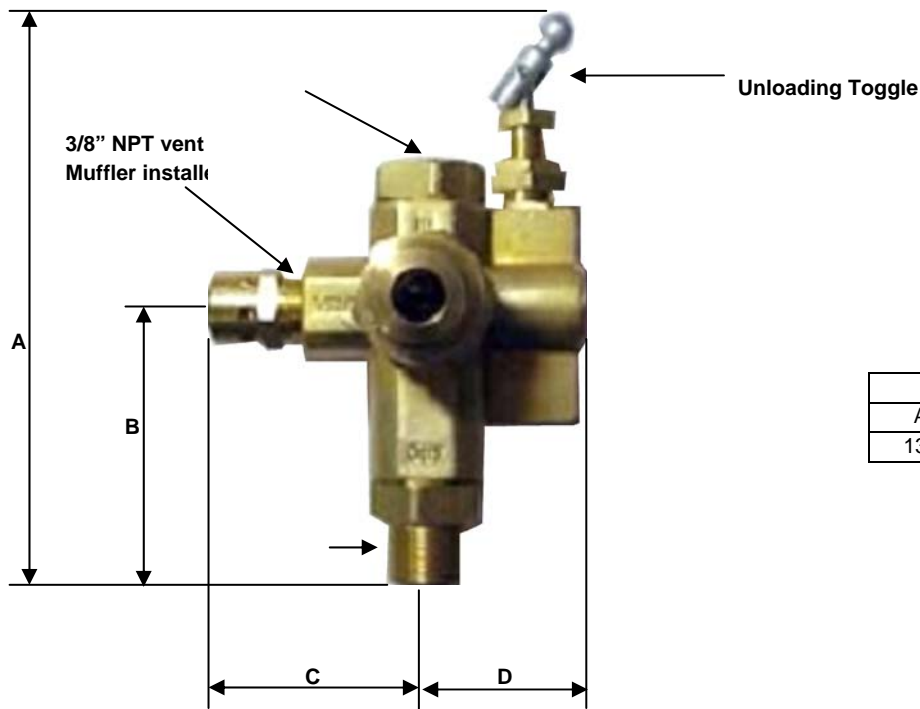
The LGM 40 - Mark IV continues in the traditions of the original Mark II and the Mark III. The Mark IV combines all components required for a continuous run compressor application: the pilot valve, the vent valve, and the check valve. Since the Mark IV is a "vent" unloader, built-in compressor head unloaders 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 fluropolymer 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.



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

Model	Inlet	Outlet	Vent Outlet	Max Flow Rate	Cut-In (psi)	Cut-Out (psi)	Weight (kgs)	Part Number
LGM 40	1/2" NPT F	1/2" NPT M	3/8" NPT F	30 SCFM	109	138	0.71	4002340