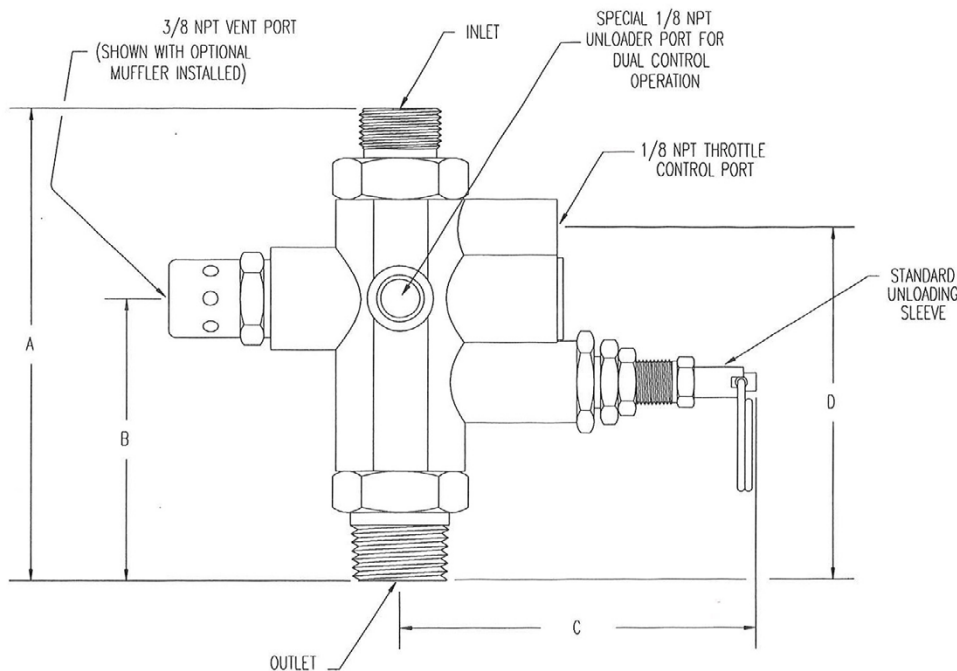


Load Genie®

Continuous Run Vent Unloaders

Mark III Load Genie®



AVAILABLE INLET CONFIGURATIONS

1/2 COMPRESSION
5/8 COMPRESSION
3/4 COMPRESSION
1/2 INTERNAL NPT
1/2 EXTERNAL NPT

AVAILABLE OUTLET CONFIGURATIONS

1/2 INTERNAL NPT
1/2 EXTERNAL NPT

PART NUMBER	INLET & OUTLET	VENT OUTLET	RECOMMENDED MAX FLOW RATE	DIMENSIONS				APPROX SHIPPING WT.
				A	B	C	D	
LGM30	SEE TABLES	3/8" FPT	30 SCFM	3.28	1.65	2.10	2.21	1.1 lbs.

The Mark III Load Genie® continues the tradition of the original Mark II. 25 years of experience was incorporated in 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 60 psi and maximum cut-out pressure is 250 psi. If no settings are specified, the valve is set at our standard setting of 115 psi cut-out and 95 psi cut-in. The valve is also field adjustable within the ranges of the table shown opposite.

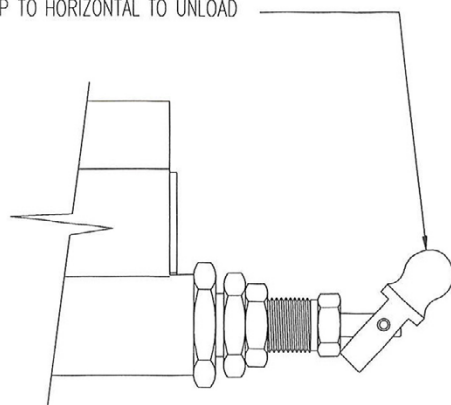
Details of construction include a forged brass body, zinc-plated steel internal components, fluorocarbon piston ring, stainless steel springs, and a glass-filled fluoropolymer check valve poppet.

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 a pressure switch unloader valve, a vent port muffler, and a toggle unloading lever for one-hand warm up control. Vibra-Seal® pre-applied thread sealant is also available on external inlet and outlet pipe threads.

Load Genie®

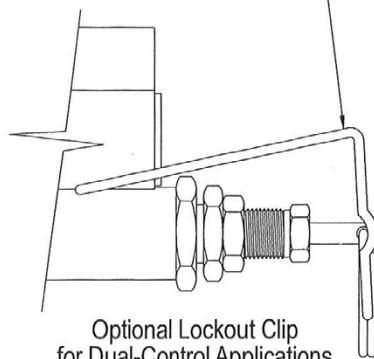
Continuous Run Vent Unloaders

TOGGLE, SHOWN IN LOADED POSITION
FLIP TO HORIZONTAL TO UNLOAD

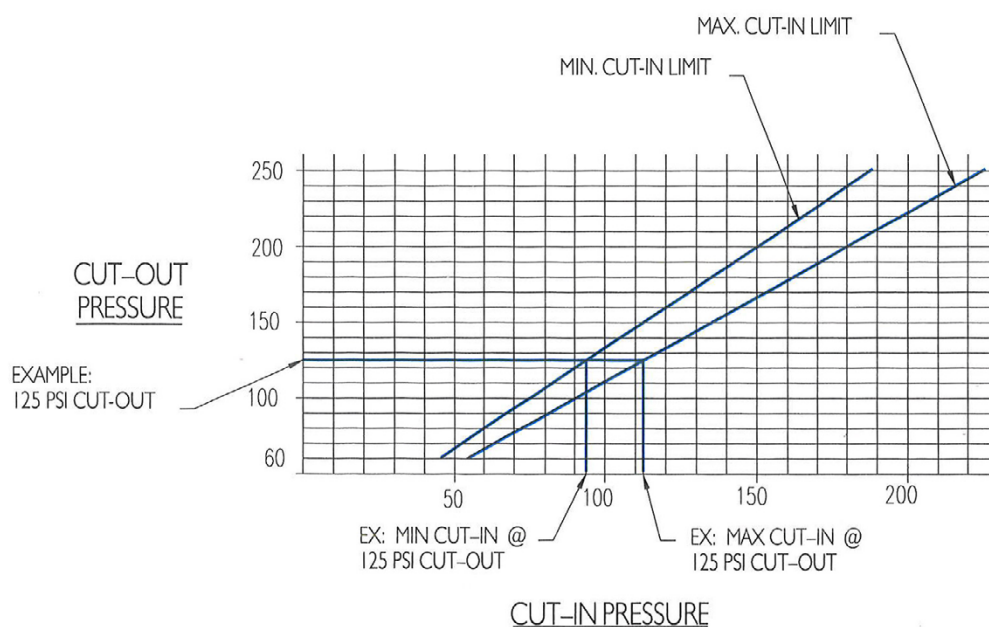


Optional Toggle
for Gas Engine Warm-up

LOCKOUT CLIP
(SHOWN IN LOCKOUT
POSITION OVER PULL RING)



Optional Lockout Clip
for Dual-Control Applications



ORDER GUIDE

Example:

LGM 30, 1/2 internal NPT inlet, 1/2 external NPT outlet, 145-175, with throttle control port

Mark III Load Genie®
ContinuousRun
VentUnloader

Inlet
configuration

Outlet
configuration

Cut-in and
Cut-out
pressure
settings

Available options:
Throttle control port
Toggle Unloader
Dual-control lockout clip
Vent port muffler
Special port for pressure switch unloader
line (dual-control configurations)
Loctite® Vibra-Seal® 516 pre-applied
sealant applied to external pipe threads

Note: standard valve comes with unloader
sleeve and will be supplied if no options
are specified