



BLUE RIBBON CORP.

PRESSURE LIMITING VALVE

TECHNICAL SPECIFICATIONS:

Blue Ribbon Gauge Savers are called Over Load Protectors or Pressure Limiting Valves.

The PLV cuts off pressure rising above the desired pressure value (pre - set value) thus preventing failure of pressure gauge (instruments) and also stops possible damages such as hazardous leakages and explosions etc.

The Gauge Saver shuts off the system with quick and positive action of built in push-rod device. As and when, the pressure falls below the pre-set pressure value, the line and/or the pressure gauge will be automatically put into operation again.

The Gauge Saver is of extreme importance and necessity for the protection of the pressure sensitive instruments against over pressures, sudden line induced pressure surges, which are principal causes of the instrument and subsequent system failure. The Gauge Saver can be supplied to function at different cut-off pressure values on special request.

The repeat accuracy of the unit depends on the rate of pressure rise. However, an accuracy of $\pm 10\%$ of the set pressure may be expected.

ADVANTAGES:

- Prevent damage to gauge / instruments due to sudden pressure surge.
- 316SS construction
- Compact design
- Automatic positive action
- In line installation
- Repeatable performance
- Maximum working pressure 6,000 PSI



Part Numbering System

PLV = Pressure Limiting Valve

4 = 1/4"

2 = 1/2"

M = Male NPT Thread

F = Female NPT Thread

Range = Below

Example: PLV-2F-2F-1 SET: 80PSI

Available Configurations

PLV	1/2" MALE	1/2" MALE	6,000 PSI
PLV	1/2" MALE	1/2" FEMALE	6,000 PSI
PLV	1/2" FEMALE	1/2" FEMALE	6,000 PSI
PLV	1/4" FEMALE	1/4" FEMALE	6,000 PSI
PLV	1/4" MALE	1/4" MALE	6,000 PSI
PLV	1/4" MALE	1/4" FEMALE	6,000 PSI

Available Ranges

RANGE	ADJUSTMENT SPAN IN PSI
1	50 to 120 PSI
2	80 to 180 PSI
3	150 to 300 PSI
4	250 to 600 PSI
5	700 to 1000 PSI
6	1200 to 1800 PSI
7	2000 to 3000 PSI
8	3000 to 6000 PSI

Blue Ribbon reserves the right to make product improvements and amendments to the product specifications stated throughout this brochure without prior notification. Please contact the factory on all critical dimensions and specifications for verification.

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