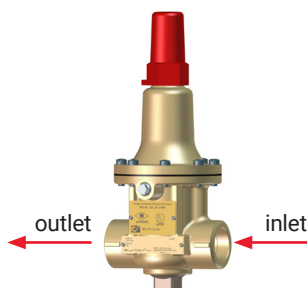




Model 55L-60

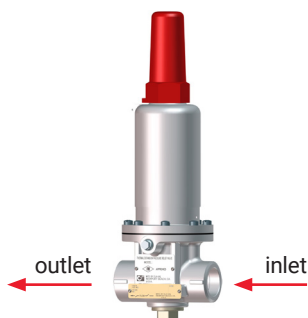
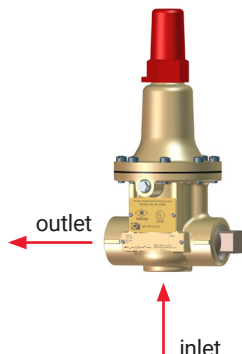
PRESSURE RELIEF VALVE/ PUMP CASING RELIEF VALVE

1/2" and 3/4"
Globe Configuration



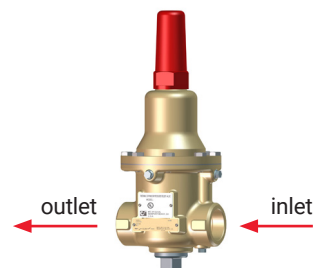
0 to 75 psi
20 to 200 psi
20 to 300 psi

1/2", 3/4" and 1"
Angle Configuration



100-300 psi

1" Size



20 to 75 psi
40 to 200 psi
100 to 300 psi

More materials available

- Sizes 1/2" and 3/4" are UL Listed and FM Approved for use as Fire Pump Casing Relief Valves Tapered
- The 1" model is UL Listed for use as a Fire Pump Casing
- Direct Acting - Precise Pressure Control
- Drip Tight Closure
- No Packing Glands or Stuffing Boxes
- Globe or Angle configurations available
- Sensitive to Small Pressure Variations
- Meets low lead requirements
- Available in Cast Bronze, 316 Stainless Steel, Monel & Super Duplex Stainless Steel

The Cla-Val Model 55L-60 (UL Listed, FM Approved) Pressure Relief Valve is a direct-acting, spring loaded, diaphragm type relief valve. The valve may be installed in any position and will open and close within very close pressure limits. The bottom plug may be removed and installed in the inlet to convert it to an angle pattern flow path.

The Model 55L-60 is normally held closed by the force of the compression spring above the diaphragm. When the controlling pressure applied under the diaphragm exceeds the spring setting, the disc is lifted off its seat, permitting flow through the control. When control pressure drops below the spring setting, the spring forces the control back to its normally closed position. The controlling pressure is applied to the chamber beneath the diaphragm through an internal passage. A gauge port is provided for accurate pressure setting.

Pressure adjustment is done by turning the adjusting screw to vary the spring load on the diaphragm. The 55L-60 is available in pressure ranges suited to agency approval tests. To prevent tampering, the adjustment cap can be wire sealed by using the lock wire holes provided in the cap and cover.

Typical Application for Fresh Water or Seawater Service

Fire Protection System Service

The Model 55L-60 is typically used in a fire protection system to trim water pressure, thus preventing pressure build-up whenever line pressure exceeds the setting of the spring.

Model 55L-60 will relieve excess pressure to atmosphere to prevent damage to the distribution network.

Note: Model 55L-60 is not suitable for discharging the full-rated pump capacity of a fire pump. See Model 50B-4KG1 Fire Pump Relief Valve for such applications.

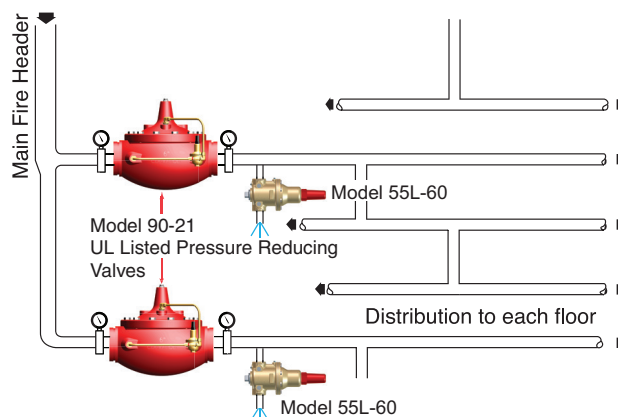


CLA-VAL™

www.cla-val.com | info@cla-val.com

E-55L-60 (R-03/2026)

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Specifications

Sizes

1/2"
3/4"
1" Threaded NPT

Pressure Ratings

Cast Bronze 400 psi Max
Stainless Steel 400 psi Max

Temperature Range

Water, Air: to 180°F Max

Materials

Body & Cover

Cast Bronze UNS C87850
Standard Stainless Steel ASTM A743-CF-16F
Monel Super Duplex Stainless Steel

Trim

303 Stainless Steel
Monel

Rubber Parts

Buna-N® Synthetic Rubber

Other Materials

Available on special order

Adjustment Ranges

UL Listed

10 to 75 psi
20 to 200 psi
20 to 300 psi
100 to 300 psi

FM Approved

0 to 75 psi
20 to 200 psi
20 to 300 psi
100 to 300 psi

Full Open Valve

Pressure Drop Chart

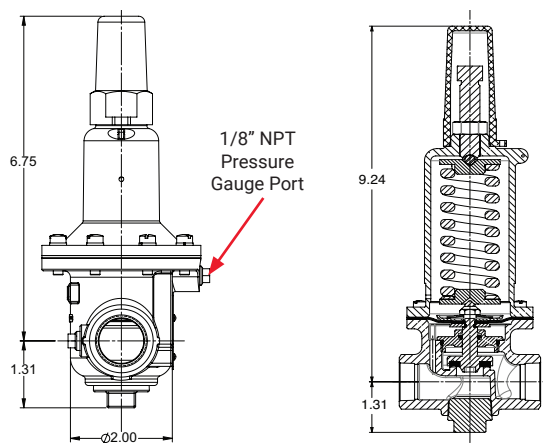
Valve Size	Cv Factor	Max Flow (GPM)
1/2"	6	25
3/4"	8.5	40
1"	12.8	65

1/2", 3/4", 1"

Standard Factory Set Points*

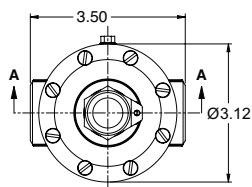
0 - 75 psi	20 - 200 psi	20 - 300 psi	100 - 300 psi
50 psi	60 psi	60 psi	100 psi

Dimensions (1/2" and 3/4")



0 to 75 psi
20 to 200 psi
20 to 300 psi

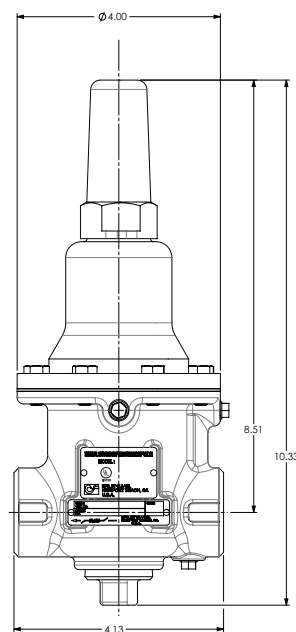
100 to 300 psi



(Applies to both configurations)

Dimensions shown in inches

Dimensions (1")



Spring Range

20 to 75
40 to 200
100 to 300

When Ordering, Please Specify

- Catalog No. 55L-60
- Valve Size
- Adjustment Range Desired
- Optional Materials