

Compact Twin Stage Regulators for LP-Gas LV404B34 & LV404B39 Series

Application

The compact twin-stage regulator is designed to reduce container pressure down to 11" w.c. delivery pressure. It is ideal for "on site" container applications such as homes, mobile homes and cottages for average domestic service; including small ASME tanks and 100-420 pound DOT cylinders.

Features

- Large vent helps prevent vent blockage, the second stage regulator bonnet is tapped for 3/8" F.NPT for vent piping, the high pressure regulator is tapped with 1/8" F.NPT for vent piping.
- With 15 PSIG inlet pressure, the regulator is designed to not pass more than 2 PSIG downstream with the seat disc removed.
- Incorporates an integral relief valve on second stage.
- Unique bonnet vent profile minimizes vent freeze over when properly installed.
- Compact design saves space allows for easy installation – especially under container hoods with collars.
- Built in pressure taps 1/8" F.NPT on both high pressure regulator inlet and downstream side of the second stage regulator.
- Plugs can be removed with a standard 7/16" wrench.
- Select brown finish.
- Temperature Range: -40°F to +165°F

Materials

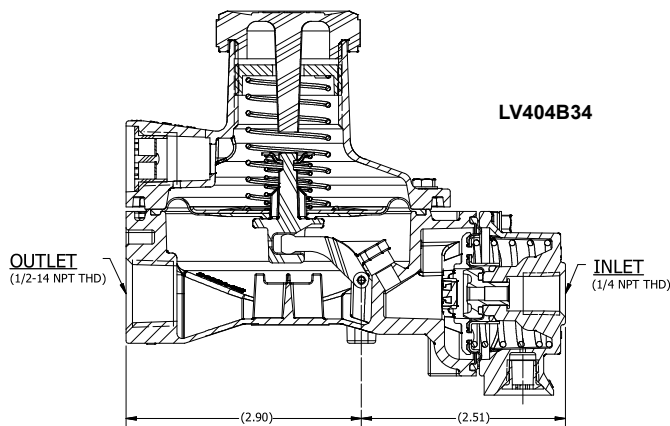
Body First Stage (LV404B39) Brass
 Body First Stage (LV404B34) Die Cast Zinc
 Bonnet Second Stage Die Cast Zinc
 Diaphragms Integrated Fabric and Synthetic Rubber
 Springs Steel and Stainless Steel
 Valve Discs Resilient Synthetic Rubber



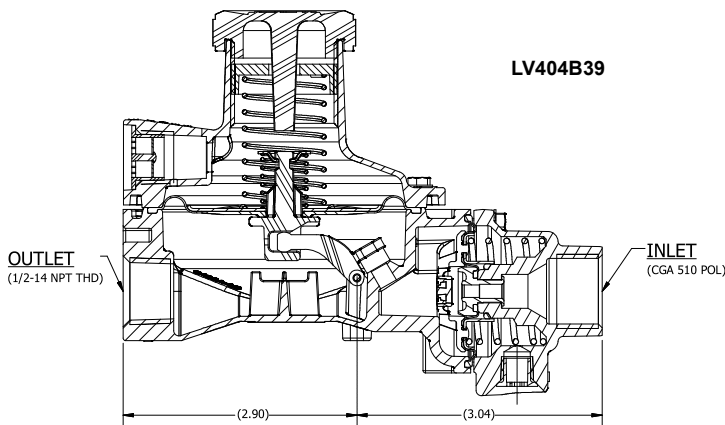
LV404B39



LV404B34

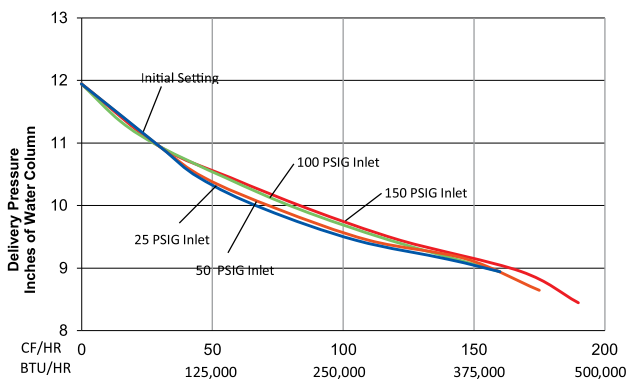


LV404B34



LV404B39

LV404B34/B39



Ordering Information

| Part Number | Inlet Connection | Outlet Connection | Orifice Size | Factory Delivery Pressure | Adjustment Range | Bonnet Vent Position 1st stage** | Bonnet Vent Position 2nd stage** | Vapor Capacity BTU/hr Propane* |
|-------------|------------------|-------------------|----------------|---|------------------------------------|----------------------------------|----------------------------------|--------------------------------|
| LV404B34 | 1/4" F.NPT | 1/2" F.NPT | 7/32" (5.56mm) | 11" w.c. at 100 PSIG Inlet (27.4 mbar at 6.9 bar) | 9" to 13" w.c. (22.4 to 32.3 mbar) | Rear | Outlet | 450,000 (9.49 kg/hr) |
| LV404B39 | F.POL | | | | | Left | 9:00 | |
| LV404B34V9 | 1/4" F.NPT | | | | | | | |
| LV404B39V9 | F.POL | | | | | | | |

*Maximum flow is based on 25 PSIG (1.72 BARG) inlet pressure and 9" w.c. (22.4 mbar)
 ** Other vent positions available upon request