

Dielectric Low Pressure Second Stage Regulators - Standard Settings LV5503BD Series

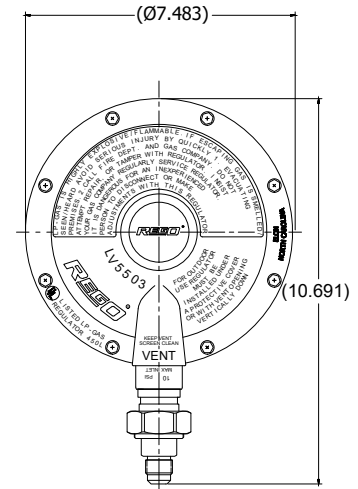
Application

Designed to reduce first stage pressure of 5 to 20 PSIG down to burner pressure, normally 11" w.c. Ideal for larger commercial and industrial applications, multiple cylinder installations and large domestic systems.

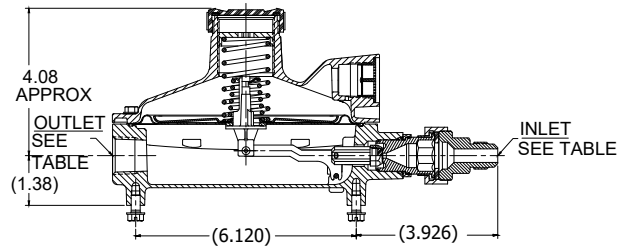
RegO Dielectric second stage regulators are engineered to isolate potential electrical current from metallic piping before entering a building. The use of a separate dielectric union is not necessary because the regulator contains a dielectric union as part of the inlet assembly. Available in both SAE Flare and F.NPT inlet connection.

Features

- Incorporates integral relief valve.
- With 15 PSIG inlet pressure, regulator is designed to not pass more than 2 PSIG with the seat disc removed.
- Replaceable valve orifice and valve seat disc.
- Straight line valve closure saves wear on seat disc and orifice.
- Built in pressure tap has plugged 1/8" F.NPT outlet. Plug can be removed with a 3/16" hex allen wrench.
- Large bonnet vent profile minimizes vent freeze over when properly installed.
- Extra long lever arm for uniform delivery pressure.
- Large diaphragm is extra sensitive to pressure changes.



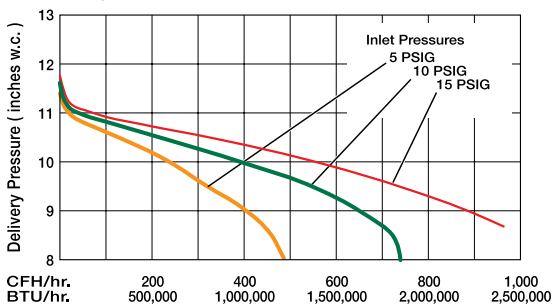
LV5503BD Series



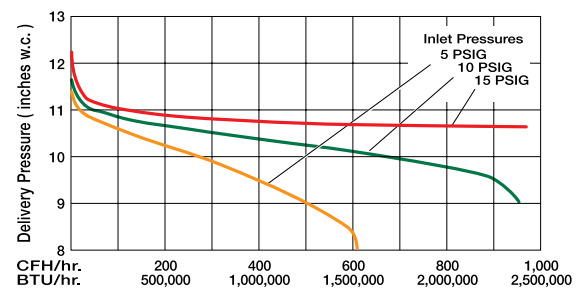
Materials

Body (LV5503BD Series)	Die Cast Aluminum
Bonnet (LV5503BD Series)	Die Cast Aluminum
Nozzle Orifice	Brass
Spring	Steel
Valve Seat Disc	Resilient Rubber
Diaphragm	Integrated Fabric and Synthetic Rubber

LV5503B4, LV5503B6



LV5503B8



Ordering Information

Part Number	Inlet Connection	Outlet Connection	Orifice Size	Factory Delivery Pressure		Adjustment Range	Bonnet Vent Position	Vapor Capacity BTU/hr. Propane*
				w.c.	barg			
LV5503B4D	1/2" F. NPT	3/4" F. NPT	1/4"	11" w.c. at 10 PSIG Inlet	27.37 MBars at 0.69 barg Inlet	9" - 13" w.c. (22.4 - 32.35 MBars)	Over Inlet	1,600,000
LV5503B6D	3/4" F. NPT							
LV5503B8D		1" F. NPT						
LV5503B1D	1/2" M. Flare	3/4" F. NPT	1/4"					2,300,000
LV5503B5D	5/8" M. Flare							
LV5503B16D	1/2" M. Flare							

*Maximum flow is based on 10 PSIG inlet and 9" w.c. delivery pressure.