

Table 2. Relief Valve Specifications

TYPE	TYPICAL SET POINT	NOMINAL RELIEF VALVE START TO DISCHARGE	MAXIMUM INLET PRESSURE TO NOT EXCEED OUTLET PRESSURE WITH DISC REMOVED	
			INLET PRESSURE, psig (bar)	MAXIMUM OUTLET PRESSURE, psig (bar)
R622	11 inches w.c.	1 psi	50 (3,4)	2 (0,14)
R652				
R632			250 (17,2)	
R622E	2 psi	3.5 psi	50 (3,4)	5 (0,3)
R652E				
R622H	10 psi	20 psi	Not Applicable	

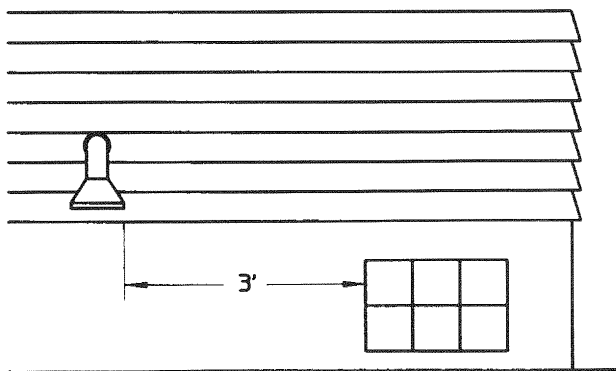
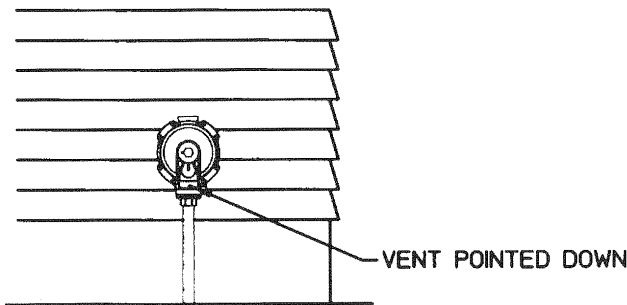


Figure 2. Regulator with Vent Pointed Down

First Stage and 2 PSI Service Regulators

The Type R622H, R622E and R652E regulators are designed for high pressure (pounds per square inch) vapor service. These regulators have high capacity internal relief valves.

When used on first-stage service, the R622H regulator reduces container pressure to 10 psig for a second-stage regulator. On final stage service the regulator

reduces container pressure for a high pressure burner. The regulator is normally painted RED.

The R622E or R652E standard outlet pressure setting is 2 psig. The regulator is painted PALM GREEN with a WHITE CAP. It is an intermediate stage regulator that reduces 10 psig first-stage pressure to 2 psig. They are used on 2-psig pressures systems. **The R622E and R652E are not suitable for first-stage service.**

Specifications

Tables 1 and 2 lists the specifications for these regulators. Contact the factory if the regulator is to be used on any service other than LP-gas, natural gas, or air. The following information is located on the spring case: Type number, orifice size, spring range, and date of manufacture.

Installation

 **WARNING**

All vents should be kept open to permit free flow of air into and out of the regulator. Protect vent openings against the entrance of rain, snow, ice formation, paint, mud, insects, or any other foreign material that could plug the vent or vent line.

LP-gas may discharge to the atmosphere through the vent. An obstructed vent which limits air or gas flow can cause abnormally high pressure that could result in personal injury or property damage. Failure to use a vent line on Indoor Installations can cause a hazard-