Regulator Installation Tips

Use a New Pigtail

This helps keep the seat disc clean. Older pigtails can have material flake off and become jammed in the regulator inlet. This can cause the regulator to “creep” resulting in higher outlet pressure, it may also cause the internal relief valve to open.
Regulator Installation Tips

The regulator vent must be pointed down and/or installed under protective cover!

This will help protect the regulator vent from rain, snow, sleet etc.

Proper protection of the vent reduces the potential of water entering the bonnet area which can damage the springs and other components.
Regulator Installation Tips

Regulator vent must be above highest probable water level on underground tank installations.

This reduces the potential of water entering the regulator and causing corrosion of the springs and other components.
**Regulator Installation Tips**

*Second Stage and 2 PSIG* regulator vents in must be pointed down should be installed at least 12-18 inches above the ground. In some cases due to snow accumulation this distance may exceed 6 feet or more.

A blocked vent can restrict air movement in and out of the regulator affecting delivery pressure, relief valve performance and relieving capacity.

This will help protect the regulator vent from rain, snow, sleet etc.
Regulator Installation Tips

• Do not install a suppressor on large vent regulators
• Do not use a smaller vent line than the vent outlet connection

Installing a suppressor or an under-sized vent line will limit the relief capacity.

¾" Pipe-away line size minimum
Regulator Installation Tips

**Indoor or Piped Away Installations:** Second Stage Regulators:
The regulator vent must be piped to the outdoors per NFPA 58. The use of metal pipe, metal tubing, PVC meeting the requirements of UL 651 or flexible pipe meeting the requirements of UL 1660. **The vent diameter must be equal to or greater than the diameter of the regulator outlet vent.**

You must use the Vent Screen with built-in suppressor removed from the regulator vent opening.

No more than 10 PSIG from 1st stage regulator per NFPA 58 (3.3.60.2 &6.8.1.1)
Regulator Installation Tips

General Recommendations:

- Do not install Single Stage regulators on fixed piping systems. Since 1995 all fixed piping systems must use a two stage system or integral twin stage regulators.
Regulator Installation Tips

General Recommendations:

• If a regulator has been submerged in water replace the regulator. Water from floods can carry many chemicals that can attack the components including the diaphragm, seat disc, and lever assembly.
Regulator Installation Tips

General Recommendations:
Always keep the bonnet cap and vent screen in place and secure. If missing, replace the regulator.

Insects and water can enter into the bonnet area damaging the diaphragm and corroding springs.
Don’t take a chance, replace the regulator.
Regulator Installation Tips

General Recommendations:
• Do not remove the bonnet from the regulator.

This is most often done to change the vent position. Removing the bonnet from the body voids the warranty. If you require a non-standard vent position, it can be supplied at no additional charge.
Regulator Installation Tips

Follow regulator inspection guidelines
These inspection guidelines are specified in the Safety Bulletin on Regulators in RegO Products L-500 and L-102 Catalogs
Regulator Installation Tips

General Recommendations

• Install properly
• Inspect regularly
• Replace as necessary
• The recommended service life of our LP-Gas regulators manufactured after 1995 (except single stage) is 25 years.