

R600 Series LP-Gas Regulators

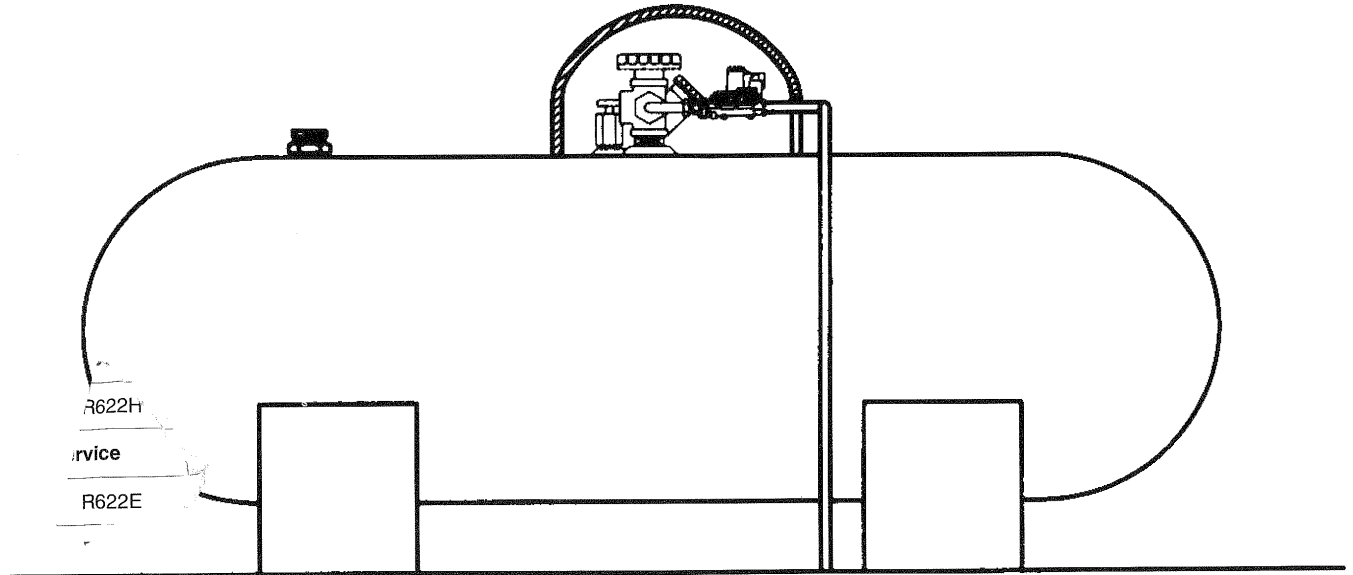


Figure 3. Tank Installation

ous accumulation of gas which could result in personal injury or property damage.

Never use a R622H, R622E or R652E (pounds to pounds) regulator on low pressure (inches of water column) service because personal injury or property damage could occur. The R622E and R652E are not suitable for use as a "first-stage" regulator.

General Installation Instructions

Before installing the regulator,

- Check for damage, which might have occurred in shipment.
- Check for and remove any dirt or foreign material, which may have accumulated in the regulator body.
- Replace old pigtailed. Blow out any debris, dirt or copper sulfate in the copper tubing and the pipeline.
- Apply pipe compound to the male threads of the pipe before installing the regulator.
- Make sure gas flow through the regulator is in the same direction as the arrow on the body. "Inlet" and "Outlet" connections are clearly marked.

Installation Location

- The installed regulator should be adequately protected from vehicular traffic and damage from other external sources.

- Install the regulator with the vent pointed vertically down, see Figure 2. If the vent cannot be installed in a vertically down position, the regulator must be installed under a separate protective cover. Installing the regulator with the vent down allows condensation to drain, minimizes the entry of water or other debris from entering the vent, and minimizes vent blockage from freezing precipitation.

- Do not install the regulator in a location where there can be excessive water accumulation or ice formation, such as directly beneath a down spout, gutter, or roof line of building. Even a protective hood may not provide adequate protection in these instances.

- Install the regulator so that any gas discharge through the vent or vent assembly is over 3-feet horizontally from any building opening below the level of discharge.
- Install the regulator high enough above ground level - at least 18 inches - so that rain splatter cannot freeze in the vent.

Regulators subjected to Heavy Snow Conditions

Some installations, such as in areas with heavy snowfall, may require a hood or enclosure to protect the regulator from snow load and vent freeze over.

Horizontally Installed Regulators

Horizontally mounted regulators, such as found in single cylinder installations and ASME tanks, must be installed beneath a protective cover or under the ASME tank dome, refer to Figure 3. If possible, slope or turn the vent down sufficiently to allow any condensation to drain out of the spring case. Be careful