



LP Gas Alarm for Food Trucks and Trailers Information Sheet

- **Is there an alarm to detect propane gas or gas?**
 - Propane gas detectors use sensors to measure the concentration of propane gas in the area around it. If the concentration of gas reaches an unsafe level, the alarm is set off.

- **Do I need a LPG detector?**
 - **Yes! Propane Detectors Save Lives.** Propane has a great safety track record due to strict industry standards and government oversight. However, there are still some propane safety best practices you should follow to keep everyone in your home safe and food truck safe. ***State of Arizona Requires a food truck or trailer to have a LP-Gas detector installed and working. 2018 IFC 319.8.5***

- **What kind of alarm do you need for propane?**
 - Your home should definitely have a carbon monoxide detector in it, that's why we advise you to look for a combustible gas detector that combines both carbon monoxide and propane/explosive gas leak detection. ***These types work best for mobile food trucks and trailers.***

- **Will a carbon monoxide detector pick up propane?**
 - **Carbon monoxide alarms ALONE do NOT detect propane/methane/natural gas leaks.** Carbon monoxide sensors detect ONLY carbon monoxide, not raw fuel or fumes. It does not take striking a match to cause a gas explosion or fire.

- **Is there an alarm for propane leak?**
 - A propane gas leak detector is a monitoring device used to detect a propane gas leak in a given environment. These detectors monitor a certain concentration of propane gas in the air. **Typically, they are able to emit an audible alarm when there is a propane gas leak detected.**
- **Where should a propane gas detector be placed?**
 - Sensors should be located near the floor for gases or vapors three or four times heavier than air. They should be installed near the ceiling or roof to detect lighter-than-air gases.
- **How high should a propane gas detector be mounted?**
 - **Heavier than air gases should typically be detected 6 inches from the floor**, lighter than air gas sensors should typically be placed on or near the ceiling, and gases which have a density close to that of air should have sensors installed in the "breathing zone" 4 - 6 ft (1.2 - 1.8 m) from the floor.
- **Does LP gas rise or fall?**
 - Because propane is heavier than air, **the gas will settle to the lowest level possible**. Outdoors, this generally isn't a concern, as the gas is usually quickly diluted in the atmosphere and dissipated through wind and other environmental factors. **However, if the leak is inside the food truck or trailer or in a trapped area, this can be very dangerous.**
- **How long do propane alarms last?**
 - Most RV propane detectors last from **five to seven years** from the date of manufacture before they require replacement. However, it's a very good idea to replace your propane detector on a strict schedule so that you don't forget... and wind up in a situation where it's been ten years since you've tended to yours.