

This is an unacceptable risk.

The American Society of Heating, Refrigeration and Air Conditioning Engineers, The US Environmental Protection Agency, Utility Companies and many Fire Departments, say if the level of CO found inside your home exceeds the ambient level found outside your home by **more than 9 ppm**, you definitely have a problem that needs to be corrected at once.

Over 80 % of gas companies routinely "Red Tag" or "Shut Off" household gas appliances when they find Carbon Monoxide at a level of **10 ppm** or more. Most fire departments require that firefighters put on oxygen masks before entering a home if levels are **over 35 ppm**. **However: 10 to 69 ppm could be in your home indefinitely, and a standard retail store CO alarm would probably NEVER go off.** 70 ppm could be present for up to four hours before the listing standard requires it to alarm.

Standard retail store alarms may keep healthy adults from dying from an acute high level CO incident, but are unlikely to protect them from getting sick, or from suffering permanent health damage from low level CO exposure.



## Why Is A Low Level Carbon Monoxide Monitor More Expensive Than Other CO Alarms?

Buying an inexpensive Carbon Monoxide alarm gives a false sense of security. Inexpensive alarms simply can't provide the needed protection. Measuring CO accurately cannot be done at a low cost. Here's what the **US EPA** says on the subject: *"Do some research on features and **don't select solely on the basis of cost ... it is important for you to know that the technology of CO detectors is still developing, that there are several types on the market, and that they are not generally considered to be as reliable as the smoke detectors found in homes today**".*

Some CO detectors have been laboratory tested, and their performance varied. Some performed well, **others failed to alarm even at very high CO levels ...** A Low Level CO Health Monitor's high quality components simply cost more. It uses the same extremely accurate electrochemical sensor technology found in professional diagnostic test instruments.

**Ask your CI Member Contractor where to see a video explaining how you can protect your family with a low level CO monitor.**

**WHEN DO YOU WANT TO KNOW THAT YOU HAVE A CARBON MONOXIDE PROBLEM IN YOUR HOME?**



**After 8 hours?  
After 4 hours?  
After 2 hours?**



# Immediately!

There are approximately **50,000** emergency room visits for CO Poisoning in the USA annually, 3-5 Times the numbers previously estimated. As this can result in significant long-term morbidity even when treated, enhanced prevention efforts are warranted.

Of these 50,000 Emergency Room visits none of them would have been necessary if every home had one or more Low Level CO Monitors properly installed on each level of the home. **"LOW LEVEL"** means **"PEACE OF MIND"** for you and your family.



## Carbon Monoxide (CO) is a very real indoor air health hazard.

According to the Centers For Disease Control, CO poisoning accidentally **kills over 600 Americans** each year. Tens of thousands are made sick, many suffering permanent physiological and nervous system damage. Harmful levels of CO can occur in virtually any home. There is no acceptable low level. **Carbon Monoxide sources include:** gas and oil furnaces, boilers, water heaters, vehicles in attached garages, gas or wood burning fireplaces, space heaters, BBQ's electric generators, lawn mowers & power equipment, gas ranges and ovens, even electric ovens when self-cleaning.

Any of these can cause CO to build up to harmful levels. Every home needs at least one CO Monitor; even "all electric" homes.

## Why Standard "Retail Store" CO Alarms Do Not Adequately Protect You or Your Family

CO is measured in **Parts Per Million (ppm)**. CO is a poison even at very low levels, and builds up in the blood. Many doctors and researchers now state that long term exposure to CO levels as low as **10 ppm** can lead to permanent mental & physical health damage and disability. This is especially true for more sensitive people, notably infants, children, pregnant women, the elderly, or people with chronic medical conditions such as asthma, bronchitis, emphysema, heart disease or anemia.



However, because of accuracy problems and lobbying from fire departments and utilities, "retail store" Carbon Monoxide (CO) alarms conforming to the UL standard will not alarm unless levels are over **70 ppm**. They will not warn you of unhealthy **chronic or intermittent lower level exposure**.