

Important Propane Safety Information

Lighting Pilot Lights



If A Pilot Light Repeatedly Goes OUT or is very difficult to light, there may be a safety problem. **DO NOT** try to fix the problem yourself. It is strongly recommended that only a **QUALIFIED SERVICE TECHNICIAN** light any pilot light that has gone out.

You Are Taking The Risk

of starting a fire or an explosion if you light a pilot light yourself. Carefully follow all of the manufacturer's instructions and warnings concerning the appliance before attempting to light the pilot.



Appliance Maintenance



Leave It To The Experts

Only a qualified service technician has the training to install, inspect, service, maintain, and repair your appliances. Have your appliances and propane system inspected just before the start of each heating season.

Help Your Appliances "Breathe"

Check the vents of your appliances to be sure that flue gases can flow easily to the outdoors; clear away any insect or bird nests or other debris. Also, clear the area around your appliances so plenty of air can reach the burner for proper combustion.

Do Not Try To Modify Or Repair

valves, regulators, connectors, controls, or other appliance and cylinder/tank parts. Doing so creates the risk of a gas leak that can result in property damage, serious injury, or death.

Have Older Appliance Connectors Inspected

Certain older appliance connectors may crack or break, causing a gas leak. If you have an appliance that is more than 20 years old, have a qualified service technician inspect the connector. Do not do this yourself, as movement of the appliance might damage the connector and cause a leak.



Flammable Vapors Are A Safety Hazard

The pilot light on your propane appliance can ignite vapors from gasoline, paint thinners, and other flammable liquids. Be sure to store and use flammable liquids outdoors or in an area of the building containing no propane appliances.



DON'T RISK IT!

If you cannot operate any part of your propane system, or if you think an appliance or other device is not working properly, call your propane retailer or a qualified service technician for assistance.

Running Out Of Gas



Don't Run Out Of Gas

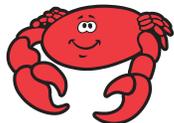
Serious safety hazards, including fire or explosion, can result.

- If an appliance valve or a gas line is left open, a leak could occur when the system is recharged with propane.
- If your propane tank runs out of gas, any pilot lights on your appliances will go out. This can be extremely dangerous.
- **A Leak Check Is Required**
In many states, a propane retailer or a qualified service technician must perform a leak check of your propane system before turning on the gas.

Important Contacts

Police:

Fire Department:



Crabb Energy Products

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Please read and follow the safety rules in this brochure. Share this information with your family to help keep everyone safe, and to reduce the risk of serious and potentially fatal injury, fire, or explosion.



If You Smell Gas

No Flames Or Sparks!

Immediately put out all smoking materials and other open flames. Do not operate lights, appliances, telephones, or cell phones. Flames or sparks from these sources can trigger an explosion or fire.



Leave the Area Immediately

Get everyone out of the building or area where you suspect gas leaking.



Shut Off the Gas

Turn off the main gas supply valve on your propane tank if it is safe to do so. To close valve, turn knob to the right (clockwise).



Report the Leak

From a nearby building away from the gas leak, call Crabb right away. If you can't reach Crabb, call 911 or your local fire department.



Do Not Return to the Building or Area

Until Crabb or local fire department determines that it is safe to do so.



Get Your System Checked

Before you attempt to use any of your propane appliances, Crabb or a qualified service technician must check your entire system to ensure that it is leak-free.

Can You Smell It?

Propane smells like rotten eggs, a skunk's spray, or a dead animal. Some people may have difficulty smelling propane due to their age (older people may have less sensitive sense of smell), a medical condition, or drugs. Consider purchasing a propane gas detector as an additional measure of security.

Odor Fade is an unintended reduction in the concentration of the odor of propane, making it more difficult to smell. Although rare, several situations can cause odor fade:

- The presence of air, water, or rust in a propane tank
- The passage of leaking propane through the soil



Since there is a possibility of odor fade or problems with your sense of smell, you should respond immediately to even a faint odor of gas.



Propane Gas Detectors

Propane gas detectors sound an alarm if they sense propane in the air. They can provide an additional measure of security in little-used areas or for those who have difficulty smelling propane.

GUIDELINES regarding propane gas detectors:

- Buy only units that are listed by Underwriters Laboratories (UL).
- Follow the manufacturer's instructions regarding installation and maintenance.
- Never ignore the smell of propane, even if detector not is sounding an alarm.



Carbon Monoxide AND Your Safety

What Is Carbon Monoxide (CO)?

You can't taste or smell CO, but it is a very dangerous gas, produced when any fuel burns. High levels of CO can come from appliances that are not operating correctly, or from a venting system or chimney that becomes blocked.

CO Can Be Deadly! High levels of CO can make you dizzy or sick (see below). In extreme cases, CO can cause brain damage or death.

Symptoms of CO poisoning include:

- Headache
- Dizziness
- Fatigue
- Shortness of breath
- Nausea

If you suspect CO is present, act immediately!



1. If you or someone you know shows physical symptoms of CO poisoning, get everyone out of the building and call 911 or your local fire department.



2. If it is safe to do so, open windows to allow entry of fresh air, and turn off any appliances you suspect may be releasing CO.

3. If no one has symptoms, but you suspect that CO is present, call your propane retailer or a qualified service technician to check CO levels and your propane equipment.

To help reduce the risk of CO poisoning:

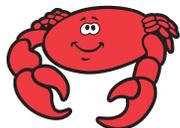
- Have a qualified service technician check your propane appliances and related venting systems annually, preferably before the heating season begins.
- Install UL-listed CO detectors on every level of your home or business.
- Never use a gas oven or range-top burners to provide space heating.
- Never use portable heaters indoors unless they are designed and approved for indoor use.
- Never use a barbecue grill (propane or charcoal) indoors for cooking or heating.
- Regularly check your appliance exhaust vents for blockage.

Signs of improper appliance operation that can generate high CO levels:

- Sooting, especially on appliances and vents
- Unfamiliar or burning odor
- Increased moisture inside of windows

What Is Propane?

Propane (also called LPG—liquefied petroleum gas—or LP gas) is a liquid fuel stored under pressure. In most systems, propane is vaporized to a gas before it leaves the tank. Propane is flammable when mixed with air (oxygen) and can be ignited by many sources including open flames, smoking materials, electrical sparks, and static electricity. Severe freeze burn or frostbite can result if propane liquid comes in contact with your skin.



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