



U.S. Fire Administration

Smoke Alarms

What You Need to Know



Homeland
Security

PROTECT YOURSELF AND YOUR FAMILY TODAY

In the event of a fire, properly installed and maintained smoke alarms will provide an early warning alarm to your household. This alarm could save your own life and those of your loved ones by providing the chance to escape.

Your Smoke Alarm Quiz

The Smoke Alarms in My Home...

- Y** **N** are installed on every level, especially near sleeping areas?
- Y** **N** are tested once a month?
- Y** **N** have their batteries replaced with new ones at least once a year?
- Y** **N** are vacuumed over and kept free of dust?
- Y** **N** have their batteries replaced and are retested, should they start making a "chirping" noise?
- Y** **N** are replaced with new smoke alarms every 10 years?

Did you answer "NO" to any of the questions?

If so, keep reading to learn the answers to the most common questions about lifesaving smoke alarms.

WHY SHOULD MY HOME HAVE SMOKE ALARMS?

In the event of a fire, a smoke alarm can save your life and those of your loved ones. They are the single most important means of preventing house and apartment fire fatalities by providing an early warning signal -- so you and your family can escape. Smoke alarms are the best safety devices you can buy and install to protect yourself, your family, and your home from fire.

OKAY, WHERE DO I PUT THEM?

Install smoke alarms on every level of your home, including the basement. Many fatal fires begin late at night or in the early morning. For extra safety, install smoke alarms both inside and outside sleeping areas.

Also, smoke alarms should be installed on the ceiling or above eye level on the walls. Since smoke and many deadly gases rise, installing your smoke alarms at the proper level will provide you with the earliest warning possible. Always follow the manufacturer's installation instructions.

WHERE WOULD I GET SMOKE ALARMS?

Many hardware, home supply, or general merchandise stores carry smoke alarms. If you are unsure where to buy one in your community, call your local fire department (on a nonemergency telephone number) and they will provide you with some suggestions. Some fire departments offer smoke alarms for little or no cost.

ARE SMOKE ALARMS HARD TO INSTALL?

Not a bit. In most cases, all you will need is a screwdriver. Many brands are self-adhesive and will automatically stick to the wall or ceiling where they are placed. However, be sure to follow the directions from the manufacturer because each brand is different. If you are uncomfortable standing on a ladder, ask a relative or friend for help. Some fire departments actually will install a smoke alarm in your home for you. Call your local fire department (again, on a nonemergency telephone number) if you have problems installing a smoke alarm.

HOW DO I KEEP MY SMOKE ALARM WORKING?

Smoke alarms are very easy to take care of. There are two steps to remember:

1. Simply replace the batteries at least once a year. **Tip:** Pick a holiday or your birthday and replace the batteries each year on that day. Some smoke alarms now on the market come with a 10-year battery. These alarms are designed to be replaced as a whole unit, thus avoiding the need for battery replacement. If your smoke alarm starts making a "chirping" noise, replace the batteries and retest it.
2. Keep them clean. Dust and debris can interfere with their operation, so vacuum over and around your smoke alarm regularly.

WHAT IF THE ALARM GOES OFF WHILE I'M COOKING?

Then it's doing its job. Do not disable your smoke alarm if it alarms due to cooking or other non-fire causes. You may not remember to put the batteries back in the alarm after cooking. Instead, clear the air by waving a towel near the alarm, leaving the batteries in place. The alarm may have to be moved to a new location.

HOW LONG WILL MY SMOKE ALARM LAST?

About 8 to 10 years, after which time they should be replaced. Like most electrical devices, smoke alarms wear out. You should write the purchase date with a marker on the inside of your unit. That way, you'll know when to replace it. Always follow the manufacturer's instructions for replacement.



ANYTHING ELSE I SHOULD KNOW?

Some smoke alarms are considered to be "hard wired." This means they are connected to the household electrical system and may or may not have battery backup. It's important to test every smoke alarm monthly and replace the batteries with new ones at least once a year.

The U.S. Fire Administration would like to remind you of some important fire safety and prevention information:

- ✓ Plan and practice escape plans several times a year.
- ✓ Make sure your whole family knows when and how to call emergency telephone numbers.



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