



June 1, 2011

Special points of interest:

- **In Ohio there is a residential fire every half hour**
- **Over 75% of fire deaths occur in residences.**
- **Have a smoke detectors in every sleeping area of the home**
- **Make Time Change the time to change your batteries**
- **Practice Escape Drills in the Home**

“Not all smoke detectors were created equal”

<http://www.delhi.oh.us>

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Delhi Township Fire Department recommends adding Photoelectric Smoke Detectors to your home

Chances are the smoke detectors that are in your home are classified as ionization detectors. Homeowners have long been protected by these detectors as they have become more prevalent and more affordable in today's market.

When you experience a fire in your home you want to be alerted quickly in order to safely extinguish or evacuate the home before you succumb to smoke and other poisonous gases.

Most residential fires start out as smoldering fires that create a low temperature smoke. **Photoelectric Smoke Detectors** can activate significantly faster than ionization smoke detectors giving you the added time you need to react to the fire. During smoldering fires, the **Photoelectric Smoke Detector** activated between 12 and 30 minutes quicker than the ionization smoke detector.

A study conducted by Texas A&M University found that the failure rate of ionization smoke detector during a smoldering fire was 55%. **Photoelectric Smoke Detectors** had just a failure rate of 4% under the same conditions.

If you received a free smoke detector from the fire department or the American Red Cross within the last decade, you are using an ionization smoke detector. Although having an ionization smoke detector is better than not having one, the fire department stands behind the research being conducted and recommends that the community add **Photoelectric Smoke Detectors** to

their homes.

When seconds count Delhi Township Fire Department recommends you chose the detector that has been shown to alert faster under smoldering fire conditions. **Photoelectric Smoke Detector** can be found at many local retailers. Please check the box and make sure it says **Photoelectric** or has the symbol (P).

For more information on Photoelectric Smoke Detectors call

(513) 922-2011

