



## **PRESS RELEASE**

**For Immediate Release**  
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### **Use Alternative Home Heating Systems Wisely & Safely**

Winter is just around the corner, and as the weather becomes colder, homeowners are seeking alternative and economical methods to keep warm. As we increase the use of home heating appliances, we increase the risk of home heating fires, the second leading cause of home fires, home fire injuries, home fire deaths, and the third leading cause of property damage (2019 – 2023)(National Fire Protection Association (NFPA) [Home Structure Fires](#). Of heating equipment fires, nearly half occur during the months of December, January, and February.

The Prince William County Fire and Rescue System urge residents to be vigilant when using alternative heating methods by following these simple safety tips to keep you and your loved ones safe and warm:

#### **FIREPLACES, WOOD STOVES, AND OTHER FUEL-FIRED APPLIANCES**

Fires that originate from these appliances are referred to as “confined” fires. Wood stoves, the most popular category of wood-burning heaters, causes thousands of residential fires each year. Be sure to:

- Install wood burning stoves following manufacturer’s instructions or have a professional do the installation.
  - According to the Virginia Uniform Statewide Building Code (VUSBC), a permit is required when:
    - Installing a prefabricated fireplace, insert, or wood stove.
- Keep fireplaces and woodstoves clean.
  - Have a certified chimney specialist clean annually.
- Keep the area around fireplaces and woodstoves clean and free of debris, decorations, and flammable materials.
- **Always** use a metal or heat-tempered glass screen with fireplaces.
- Install spark screens and caps on chimneys.
- Install stovepipe thermometers to monitor flue temperatures.
- Keep air inlets open on woodstoves and fireplaces.
  - If closed, inlets cause creosote buildup and lead to chimney fires.

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### ***Safely Burn Fuels***

- **NEVER** use flammable liquids to start a fire.
- Use only seasoned wood.
  - Certain types of wood, like soft moist wood, increase creosote buildup.
- Build small fires that burn completely and produce less smoke.
- **NEVER** leave a fire unattended in a fireplace.
- Extinguish fire before leaving the house or going to bed.

When removing fireplace ashes precautions should be taken to prevent fires or injuries:

- Wear heavy leather gloves when cleaning embers and ashes out of your fireplace or wood burning stove to protect your hands from any hot embers.
- **DO NOT** place woodstove, or fireplace ashes in paper bags or any other combustible container.
- Dispose of embers and ashes in a metal container with a lid. (Remember, ashes can remain hot for several days, so they should be stored on a noncombustible surface or spread out on the ground at least 10 feet away from your home and any nearby building or combustible material.)

## **PORTABLE SPACE HEATERS**

### **Kerosene Heaters**

- Buy only Underwriter's Laboratory/UL-approved heaters.
- **NEVER** fill your heater with gasoline or camp stove fuel.
  - Both flare up easily and increase the risk of fire.
  - ***Use only fuels appropriate for the appliance.***
- Refuel outside and only after heater has cooled.
- **DO NOT** use kerosene heaters in small, enclosed areas.
  - Potential for [carbon monoxide \(CO\) poisoning](#).
    - A person can be poisoned by a small amount of CO over a long period of time or by a large amount of CO over a shorter amount of time.
    - Install and maintain CO alarms to avoid the risk of CO poisoning.
- When using, keep a window ajar or the door open.
- Annually, clean kerosene heaters and replace wicks.

### **Electric Space Heaters**

- Buy only heaters with Underwriter's Laboratory (UL) safety listing.
- Be sure it has a thermostat control mechanism and automatically switches off if tipped over.
- **ALWAYS** unplug when leaving the room or going to bed.
- Avoid using extension cords.
  - **NEVER** use frayed or damaged cords.

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Whether you're using a stationary or portable heating appliance:

- Keep anything that can burn at least 3 feet away from heating equipment, e.g., the furnace, fireplace, wood stove, or portable space heater.
  - More than half of all home heating fire deaths are the result of combustibles too close to the heat source.
- Have a three-foot "kid-free zone" around open fires and space heaters.
- **NEVER** use your oven to heat your home.
- Remember to turn portable heaters off, if applicable, unplug when leaving the room or going to bed.

To significantly increase your chances of surviving a fire in your home, by more than double, install [smoke alarms](#) and sprinklers in the home. In addition, develop and practice a [home fire escape plan](#) and be sure everyone is familiar with the plan.

For additional information on home heating safety, visit the National Fire Protection Association [nfpa.org](http://nfpa.org) and the U.S. Fire Administration [usfa.fema.gov](http://usfa.fema.gov).

For additional information on carbon monoxide safety, visit [nfpa.org](http://nfpa.org).

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