



**WASHINGTON
FIRE CHIEFS**

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www.homefiresprinkler.org
www.firesafehome.org

Residential **FIRE SPRINKLERS**



What could you save from the ravages of fire if you had a firefighter 24/7 in every room of your home?

You could save the lives of yourself and your family.



In 1973, the National Commission on Fire Prevention and Control recommended the development of improved sprinkler technology for dwellings in an effort to reduce the fire death rate in the U.S.

Specialized residential fire sprinklers have been in use since 1980.

❖ 93 percent of fires that occur in homes protected with sprinklers are confined to the room of origin.

- ❖ Most fire deaths are caused by the inhalation of toxic gases. Residential fire sprinklers are designed to reduce the production of toxic gases and provide time for occupants to safely escape.
- ❖ Fire-related injuries to occupants and firefighters are greatly reduced in homes with sprinklers.

Fire sprinklers are dependable, low cost, and ready to protect your home and family 24 hours a day, 7 days a week.

YOU CAN HAVE THIS LEVEL OF SAFETY AND SECURITY FOR LESS THAN THE COST OF CARPETING FOR YOUR NEW HOME.

Residential FIRE SPRINKLERS

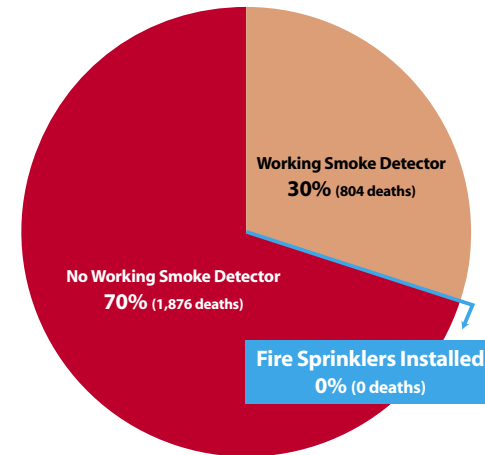
Take advantage of this proven technology. It's like having a firefighter in every room of your home.



Peace of mind is within reach!
**PROTECT YOUR
FAMILY'S FUTURE TODAY!**

81% OF CIVILIAN FIRE DEATHS OCCUR IN ONE AND TWO-FAMILY DWELLINGS

U.S. Fire Deaths 2004 One and Two-Family Dwellings

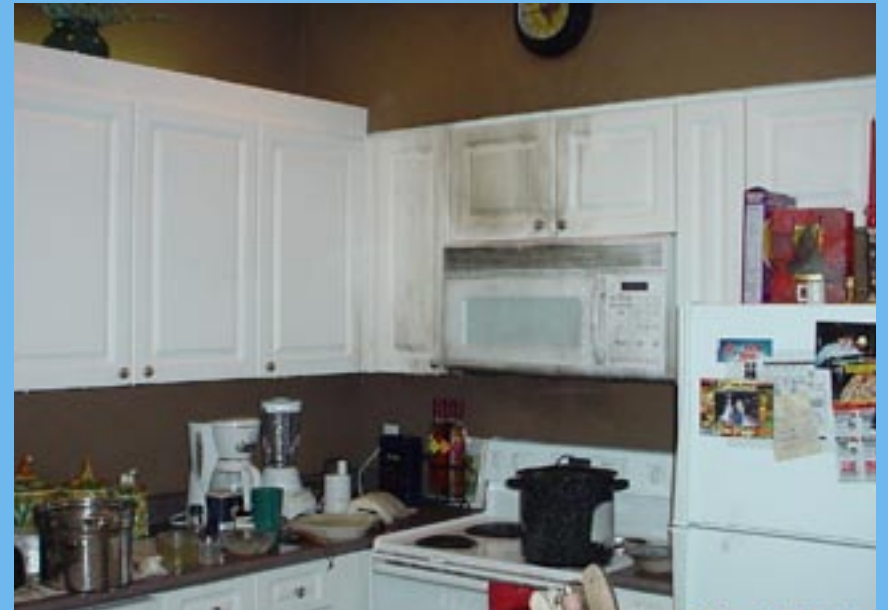


In 2004, 30% of U.S. fire deaths occurred in homes equipped with working smoke detectors. There were **NO** reported fire deaths in homes with sprinklers.

**THERE WERE NO
FIRE DEATHS IN HOMES
EQUIPPED WITH FIRE
SPRINKLERS IN THESE
MULTI-YEAR STUDIES:**

- ❖ Prince George's County, MD reported **NO** fire deaths in 117 house fires with sprinkler systems activations over an 8-year period.
- ❖ Vancouver, BC reported **NO** fire deaths in homes with sprinklers between 1990 and 2000.
- ❖ Scottsdale, AZ reported **NO** fire deaths in homes with sprinklers between 1986 and 2001.

**You could save
your home and
your most prized
possessions.**



KITCHEN FIRE WITH SPRINKLERS



KITCHEN FIRE WITHOUT SPRINKLERS

TEST YOUR HOME SPRINKLER SYSTEM I.Q.

Here are five statements about home sprinkler systems. Are they true or false?

1 WHEN ONE SPRINKLER GOES OFF, ALL THE SPRINKLERS ACTIVATE.

False! Only the sprinkler over the fire will activate. The sprinkler heads react to temperature in each room individually. Thus, fire in a bedroom will activate only the sprinkler in that room.

2 A SPRINKLER COULD ACCIDENTALLY GO OFF, CAUSING SEVERE WATER DAMAGE TO A HOME.

False! Records, which have been compiled for well over 50 years, prove the likelihood of this occurring is very remote. The rate of accidental activation is approximately 1 in 16 million.

3 WATER DAMAGE FROM A SPRINKLER SYSTEM WILL BE MORE EXTENSIVE THAN FIRE DAMAGE.

False! The sprinkler system will severely limit a fire's growth. Therefore, damage from a home sprinkler system will be much less severe than the smoke and fire damage if the fire had gone on unabated or even the water damage cause by water from firefighting hose lines.

4 HOME SPRINKLER SYSTEMS ARE EXPENSIVE.

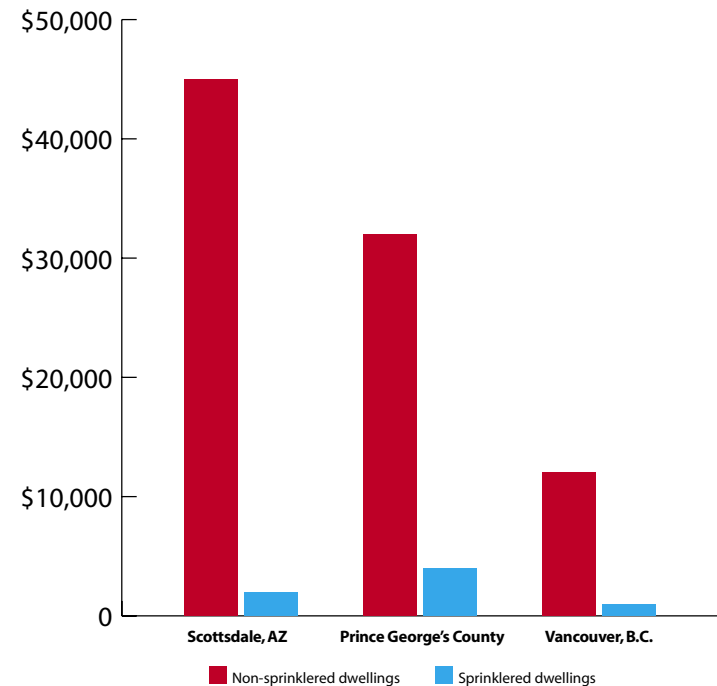
Current estimates suggest that when a home is under construction, a home sprinkler system could cost less than 1% of the total building price.

5 RESIDENTIAL SPRINKLERS ARE UGLY.

False! Modern residential sprinklers are inconspicuous. All residential models come in several colors to match popular ceiling and wall colors. Recessed models are hidden by a flat cover plate that can be factory painted to match the ceiling.

THERE WERE 301,500 FIRES IN ONE AND TWO-FAMILY DWELLINGS IN THE U.S. IN 2004.

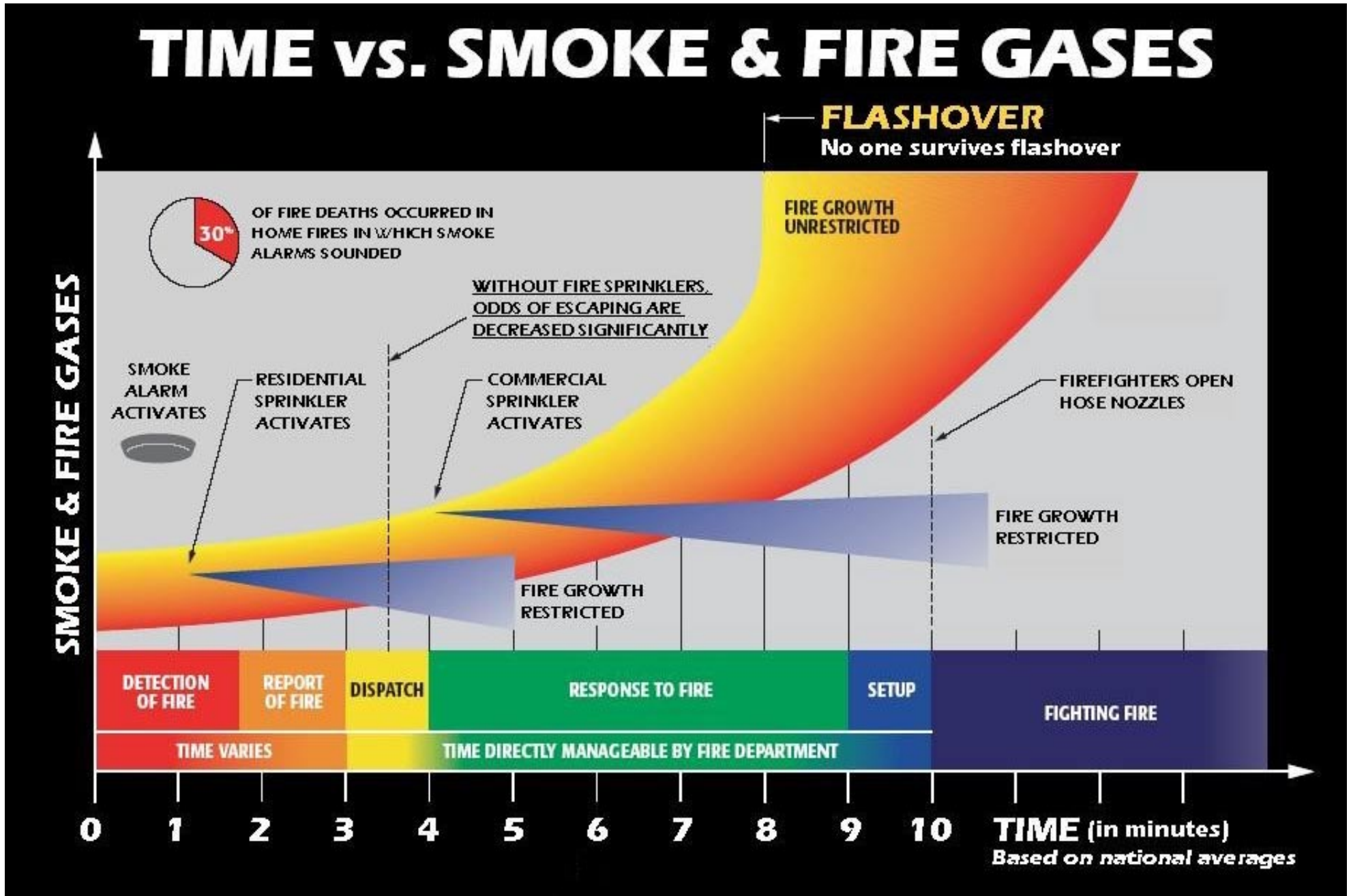
THE TOTAL PROPERTY LOSS WAS \$4,948,000,000.



PROPERTY LOSS WAS REDUCED BY OVER 90% WHEN SPRINKLERS WERE INSTALLED.

Data collected from jurisdictions requiring residential sprinklers, representing 10 to 15 years of fire events.

TEMPERATURES INSIDE OF A HOUSE IMPACTED BY FIRE CAN REACH 1,000°F WITHIN MINUTES.



The heat and smoke from an unrestricted house fire can have a devastating effect on your life. Residential fire sprinklers operate to contain a fire while keeping temperatures and smoke production low.