Established in 1905, the National Fire Sprinkler Association (NFSA) is the voice of the fire sprinkler industry. NFSA leads the drive to get life-saving and property protecting fire sprinklers into all buildings; provides support and resources for its members – fire sprinkler contractors, manufacturers and suppliers; and educates authorities having jurisdiction on fire protection issues. Headquartered in Linthicum Heights, MD, NFSA has regional operations offices throughout the country.
Fire Sprinklers Facts

**WHY ARE FIRE SPRINKLERS NECESSARY IN YOUR HOME??**

- Modern homes are built using lightweight construction and are filled with furnishings made of synthetic materials. Lightweight construction and synthetic furnishings burn hotter and faster today.
- Modern homes burn 8 times, 800%, FASTER than older homes. You may only have 3 minutes after the smoke alarm goes off to get your family out safely!
- Approximately 3,000 people die in fires in America every year. 80% of fire deaths occur in single family homes.
- One home fire is reported every 85 seconds.
- One person is injured in a fire every 33 minutes.
- One person dies in a fire every 162 minutes.
- Residential fire sprinklers reduce the chance of death in a fire by over 80%.

**HOW DO FIRE SPRINKLERS WORK?**

- Fire sprinklers are activated by heat. Smoke will not activate a fire sprinkler.
- Only the sprinkler head activated by the heat will discharge. Water from the sprinkler contains or extinguishes the fire.
- In 90% of structure fires, only one or two sprinkler heads activate, protecting surrounding rooms from fire, heat, smoke and often water damage.
- The average sprinkler discharges 15 – 26 gallons of water per minute, compared to 150 – 250 gallons per minute by just one fire hose. If it takes approximately five minutes to extinguish a house fire by the fire department, over 1,000 gallons of water would be used by the fire department versus only 130 gallons from a fire sprinkler for the same amount of time.

**WHAT ARE THE COST BENEFITS OF FIRE SPRINKLERS?**

- Home fires resulted in $9.5 billion in property damage in 2013.
- In homes with fire sprinklers, the average property loss is cut by nearly 70% compared to a home without sprinklers.
- It was reported that homes with fire sprinklers report an average property loss of $2,166 after a fire compared to more than $45,000 in an unsprinklered home.
- Nationwide average cost for a residential fire sprinkler system is 1-1.5% of the total home construction cost. Visit [nfssa.org](http://nfssa.org) to ensure you get a licensed fire sprinkler contractor to assist you.
- Often as an incentive for customers, insurance companies offer discounts ranging from 5% to 25% off the fire portion of homeowner premiums.
- 3 out of every 10 households will experience a fire. While only a few grow large enough to summon the fire department, don't live on luck — include fire sprinklers in your home!