



ADAMS COUNTY FIRE RESCUE

Advantages of having home sprinklers

- The majority of fire deaths in North America happen at home. Today's lightweight construction, open designs and synthetic furnishings cause house fires to burn faster and to be more toxic.
- Home fire sprinklers are inexpensive to install, \$1.35 per sprinklered sq. ft., nationally. (NFPA).
- Fire sprinklers reduce the risk of dying in a home fire by 80% and reduce the risk of property damage by 70% (NFPA).
- Because the sprinkler responds to the fire automatically and while it is still small, it controls the fire until the fire department arrives, slowing the spread of heat and poisonous smoke.
- Fire sprinklers give residents more time to escape a fire safely, preventing injuries and saving lives.
- The sprinkler controls fire damage and confines it. That protects lives as well as surrounding rooms, limiting property damage.
- Responding firefighters work in far less dangerous conditions when a home fire is controlled by a fire sprinkler.
- Fire sprinklers are usually supplied by the household water main. A tank and pump can be used where needed. They can be used in any climate. As with other plumbing, the piping is hidden behind walls and ceilings. Sprinkler covers can be used to conceal sprinklers.
- Home fire sprinklers operate individually; the sprinkler closest to it activates. In the vast majority of home fires just one sprinkler is needed to control the flames.
- Sprinklers are activated by the high temperature of a fire – typically between 135-165°F. Cooking fumes or signaling smoke alarms cannot activate sprinklers.
- Home fire sprinklers are designed to flow between 10-25 gallons of water per minute, 10-15 times less water flow and far less pressure than fire department hoses.