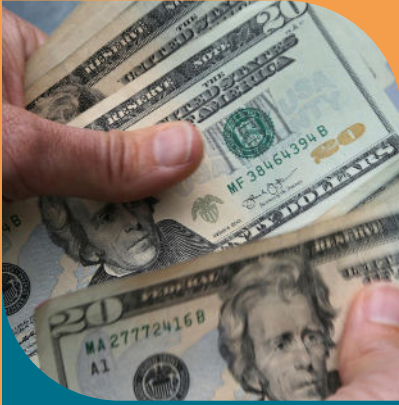


# Fire Sprinklers Save Lives

Sprinklers slow the spread of deadly smoke and fire.



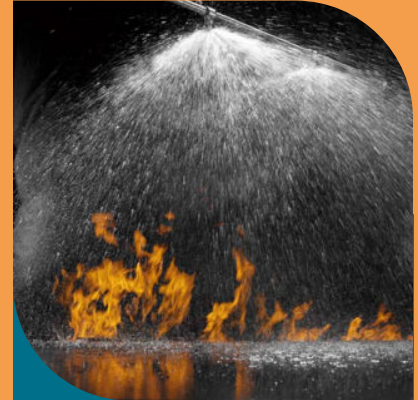
## Expense

On average, fire sprinklers cost \$1.35 per square foot in new home construction.



## Activation

Only sprinklers closest to the fire will activate.



## Function

Sprinklers activate in response to extreme heat.

These temperatures are only found in a home when it is on fire.



Home fire sprinklers can stop a fire in less than 90 seconds.

## HOW HOME FIRE SPRINKLERS WORK

A typical home fire sprinkler covers a minimum 12 X 12 foot area.

pipe  
(connected  
to water  
supply)

plug  
(freezes water)

liquid-filled  
bulb bursts  
at 135° -165°F

sprinkler



## Sprinklers and Smoke Alarms

Smoke alarms and sprinklers are not connected.

Sprinklers will not activate in response to sounds of a smoke alarm, smoke, cooking vapors, or steam.

For more information on sprinklers, visit:  
[firesafe.sc.gov](http://firesafe.sc.gov)