

# WITHOUT FIRE SPRINKLERS

**FLASHOVER**

**WITHOUT FIRE SPRINKLERS**

**911**

**DETECTION OF FIRE**

**REPORT OF FIRE**

**DISPATCH**

**RESPONSE TO FIRE**

**SETUP**

**FIGHTING FIRE**

**1.5 minutes or less**

Deadly Heat, Flames & Smoke are Not Controlled

Smoke Alarm Activates

**2-3 minutes**

Without Fire Sprinklers, Odds of Escaping Decrease Significantly

**3-5 minutes**

No One Survives Flashover

**8 minutes**

Without Sprinklers, Fire Growth is Unrestricted

**10 minutes**

Firefighters Open Hose Nozzles

**GROWTH OF FIRE**

**TIME IN MINUTES** Based upon national averages

## WITH FIRE SPRINKLERS

**NO FLASHOVER**

This horizontal timeline illustrates the sequence of events from fire detection to extinguishment when fire sprinklers are present. The timeline is marked in minutes from 0 to 10. Key milestones include: 1.5 minutes or less for smoke alarm activation and sprinkler activation; 2-3 minutes for the 911 report; 3-5 minutes for fire department dispatch; 8 minutes for firefighter arrival; and 10 minutes for fire confirmation and extinguishment. The timeline is divided into five colored segments: orange for detection, yellow for report, light blue for dispatch, dark blue for response, and green for setup. A fire truck icon is positioned at the 8-minute mark, and a firefighter icon is at the 10-minute mark. A large text box on the right states 'Firefighters Confirm Fire is Extinguished'.

Time (Minutes)	Event
0	DETECTION OF FIRE
1.5 minutes or less	Smoke Alarm Activates, Fire Sprinkler Activates
2-3 minutes	911
3-5 minutes	DISPATCH
8 minutes	Firefighters Arrive at a Controlled Scene
10 minutes	Firefighters Confirm Fire is Extinguished

**GROWTH OF FIRE**

**TIME IN MINUTES** Based upon national averages



Find Out More by Visiting  
**HomeFireSprinkler.org**