



RESIDENTIAL FIRE SAFETY
**AQUASAFE® LOOPED AND
NETWORK SYSTEMS**

**FREQUENTLY
ASKED QUESTIONS**

Uponor Residential Fire Safety Systems FAQs

Why should I consider installing an Uponor Fire Safety System in my home?

Every 90 seconds a home fire is reported in the United States. According to the National Fire Protection Association (NFPA), eight out of 10 fire fatalities occur where Americans feel safest — in their own homes. Industry statistics indicate that installing a smoke alarm in your home reduces your chance of perishing in a fire by 50%. Installing a residential sprinkler system increases your survival rate up to 97%.

We have smoke detectors, isn't that enough?

Your home needs working smoke detectors to warn you and your family of an impending fire. But an Uponor Residential Fire Safety System can actually stop a beginning fire in its tracks — in some cases, before the smoke detector alarm sounds.

Consider these facts:

- a typical home can be engulfed in flames in five minutes
- if sprinklers are not present, home fires typically burn for an additional 15 minutes until firefighters arrive
- a single sprinkler can control, or in many cases, extinguish a fire in seconds.

How does the Uponor Residential Fire Safety System work?

The Uponor Residential Fire Safety System is actually incorporated into your Uponor PEX Plumbing System. It uses the same Wirsbo AQUAPEX® tubing that provides water to the plumbing fixtures in your home so there is always a ready supply of water to the sprinkler.

The result is an interconnected grid of plumbing fixtures and sprinklers. The combination system reduces cost and ensures reliability. The system also eliminates stagnant water because the same lines that are used to feed your sprinklers are used to feed your faucets, showers and toilets. As long as you have water supplied to your plumbing fixtures, you know you have water supplied to your sprinklers.

How are the sprinklers going to look in my home?

Barely noticeable, each sprinkler can be recessed or concealed behind a special plate that falls away when activated.

What if a sprinkler goes off accidentally?

Fire sprinklers respond to heat, not smoke, and draw water from your main cold-water line. The odds of a malfunction are just one in 16 million.

What about potential water damage?

When activated, an Uponor Residential Fire Safety System uses only 10 to 15 gallons of water per minute, whereas a fire department response uses up to 250 gallons of water per minute.

What if the tubing leaks?

Leaks are not a concern with Wirsbo AQUAPEX tubing when the system is properly installed. With a life expectancy of more than 100 years, Wirsbo AQUAPEX tubing has withstood the most extensive tests in the industry for more than 30 years. Furthermore, all our PEX tubing is thoroughly inspected before it leaves our manufacturing plant.

Do you offer a warranty?

Yes. We are so confident about the quality of an Uponor Residential Fire Safety System that we offer a 25-year warranty on the tubing and ProPEX® fittings when installed by an Uponor-trained and certified professional.

How much does an Uponor Residential Fire Safety System cost?

Probably less than you think. Typically, this upgrade that can protect lives, homes and possessions adds as little as 1 to 1.5% to the cost of constructing a new home. You could also check with your homeowner's insurance policy to determine if it decreases your premium.

Does Uponor install the Uponor Residential Fire Safety System?

Not directly. We manufacture the durable Wirsbo AQUAPEX tubing and supply all the necessary components that are used in the Uponor Residential Fire Safety System and PEX Plumbing System. We support the contractors who install our systems with ongoing training and design assistance. And we confidently back our products and Alliance Members (i.e., Uponor-trained installers) with a 25-year warranty on the tubing and ProPEX fittings. You can find an Alliance Member online (www.uponor-usa.com) or call (800) 321-4739.

Can my plumbing contractor install an Uponor Residential Fire Safety System?

Your plumbing contractor may be Uponor-trained. We can also train your contractor or help you find one in your area. You can find an Alliance Member online (www.uponor-usa.com) or call (800) 321-4739.

What is the difference between Uponor's AQUASAFE® Network System and AQUASAFE® Looped System?

The AQUASAFE Network System uses four-port sprinkler fittings connected with ½" Wirsbo AQUAPEX tubing. The AQUASAFE Looped System uses two-port sprinkler fittings connected with ¾" or 1" Wirsbo AQUAPEX tubing. One does not operate better than the other; it's simply a matter of preference for the installer and home builder.

Will residential fire safety systems become mandatory?

As more cities and fire departments realize the life-saving, low-cost benefits of residential sprinklers, many local jurisdictions are mandating sprinklers in single-family homes. In fact, more than 250 jurisdictions in the United States currently have residential fire sprinkler ordinances. It is expected that these ordinances will continue to expand rapidly, as more cities, counties and states discover how residential sprinklers affordably protect lives and homes.



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