

The logo features the word "Freedom" in a large, grey, sans-serif font. To its right is a stylized icon of a house with a roof and three blue water droplets falling from it. Below "Freedom" is the text "Residential Fire Sprinkler Systems" in a smaller, grey, sans-serif font.

Freedom<sup>®</sup>  
Residential Fire Sprinkler Systems

BUILDING SAFER HOMES  
MEANS BUILDING A  
STRONGER BUSINESS.



## The Advantages of Freedom

Installing a fire sprinkler system in a new home typically costs about the same as a carpet or cabinet upgrade, or a lawn sprinkler system for the yard. Building and construction costs can be significantly reduced by incentives, or trade-ups, including those provided by local fire codes. Sprinklers can pay for themselves, and more than that, they can actually maximize your profits. A 2010 study of 16 communities found that incentives to builders, such as reduced or waived fees, averaged \$1,949 per lot.<sup>4</sup> Homeowner incentives may include reduced property taxes, lower insurance rates and higher resale value.

You know that fire sprinklers save lives and reduce property damage, but did you know they can also improve your bottom line? In fact, customers are drawn to builders who focus on safety, making it a significant differentiator in the marketplace. A national poll by Harris Interactive® found that 69% of U.S. homeowners believe having a fire sprinkler system increases the value of a home, while 38% would be more likely to buy a home with sprinklers than one without.<sup>3</sup>

Additional benefits include:

- Homes can often be built in remote or hard-to-access locations where building permits would otherwise be restricted or prohibited.
- Authorities may allow steeper, narrower streets and longer cul-de-sacs, which can significantly reduce paving and grading costs.
- Homes can often be built closer together – increasing the density of square footage in a development.
- You differentiate your homes from those of your competitors and enhance your reputation by providing homeowners with the latest safety innovations and the ultimate peace of mind.

## Freedom® Residential Fire Sprinkler Systems – the Ultimate Solution.

Home fires are an all too common tragedy. On average, over 3,000 people die yearly due to fire. Most may have been saved had their homes been equipped with automatic fire sprinklers.<sup>1</sup> For over 150 years, sprinklers have been proven to save lives and dramatically reduce property loss due to fire. This has been clearly demonstrated in Scottsdale, Arizona, where new homes are required to be built with sprinkler systems. A study of the first 15 years of this policy revealed no fire deaths in homes with sprinklers, while 13 occurred in homes without them. Average fire-loss damage per incident in structures with sprinklers was \$2,166. In those without, damages averaged \$45,019.<sup>2</sup> Homes with sprinkler systems may also qualify for lower insurance rates, and often have a higher resale value. Sprinkler systems offer an affordable solution that saves lives, lowers costs and reduces property loss by controlling fires in the earliest stages. No one knows fire sprinkler systems better than Viking.

### Beautiful Performance.

Freedom Residential Fire Sprinkler Systems bring the same innovation and high-level quality of our commercial line to protect the homes you build. Designed to meet your budget, performance requirements, and aesthetics, our sprinklers provide a variety of options for size, temperature and sprinkler type to accommodate any challenge. Lower flow and pressure requirements allow Freedom to be tailored to available water supplies, resulting in a more efficient sprinkler system. Freedom offers exceptional coverage areas and can be installed in rooms with cathedral, beamed, or sloped ceilings, minimizing the number of sprinklers needed to protect these areas.

Small and inconspicuous, our sprinklers offer the smallest available cover plates and low-profile recessed models, providing optimum protection and blending with decor. A choice of nine standard finishes and unlimited custom colors make Freedom virtually undetectable once installed. Our exclusive custom Colormatch® service can duplicate any paint sample or color chip, providing endless options for a beautiful, finished look.

#### Standard Finishes



White



Ivory



Black



Antique Brass



Brushed Copper



Brushed Chrome



Bright Brass



Polished Chrome



Brushed Brass

#### Custom Colors





## Protection for Any Scenario.

Freedom offers the broadest available line of UL and c-UL Listed residential fire sprinklers for NFPA 13, 13R and 13D installations. Adjustments up to 5/8" (16 mm) also make them easier to install.

### Pendent Sprinklers

- Wide range of models to accommodate varying local water supplies.
- UL Listed with sloped and beamed ceilings.

### Concealed Pendent Sprinklers

- Powerful protection in an inconspicuous package.
- Wide range of models, available in flat plate or domed concealed versions.
- Freedom flat plate is the smallest concealed sprinkler in the industry.
- Offered with the industry's only square cover plate option.

### Horizontal Sidewall Sprinklers

- Wall-mounted sprinklers provide additional installation options.
- Alleviate freezing concerns with horizontal sidewall sprinklers installed with piping located in interior walls.
- Industry's only flat plate concealed horizontal sidewall sprinkler (VK480).



## Viking SupplyNet® is Your Single Source.

With 34 locations in North America and 54 worldwide, Viking SupplyNet quickly delivers any components you need, whenever and wherever you need them. As your full-service residential sprinkler partner, we offer a complete inventory ranging from CPVC products to a full range of sprinklers, valves, fittings and hangers. Our integrated ordering system is easily accessible by phone or online, so you can be confident there will be no job site delays due to missing system components.

## The Most Trusted Name in Fire Protection.

Since 1921, Viking has been a trusted global leader in the design of fire sprinklers and systems, with a well-earned reputation for quality, dependability and innovation. So much so, in fact, that Viking products safeguard the buildings and guests of the White House, the Pentagon, Smithsonian Institute, Harvard University, Disney theme parks and other renowned properties in more than 70 countries. All Viking products are designed and manufactured to ISO 9001 quality standards, and our industry-leading customer service and technical assistance provide you with world-class support at every point in the project. To learn more about Viking and Freedom Residential Fire Sprinkler Systems and components, visit [vikinggroupinc.com](http://vikinggroupinc.com) or call 877-384-5464.

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<sup>1</sup>During 2005-2009, according to a May 2011 report by the National Fire Protection Association

<sup>2</sup>Scottsdale Report 15-Year Data. [www.homefiresprinkler.org/fire-department-15-year-data](http://www.homefiresprinkler.org/fire-department-15-year-data)

<sup>3</sup>Harris Interactive® survey, 2005, conducted on behalf of the Home Fire Sprinkler Coalition

<sup>4</sup>Incentives for the Use of Residential Fire Sprinkler Systems in U.S. Communities, October 2010, report for the Fire Protection Research Foundation

## We Have the Answers.

**How effective are fire sprinkler systems?** Having fire sprinklers is like having a firefighter in your home 24/7, even while you're away. Home sprinkler systems respond quickly to reduce the heat, flames and smoke from a fire, giving families valuable time to get to safety. According to the National Fire Protection Association, if you have a reported fire in your home, the risk of dying decreases by about 80% when fire sprinklers are present.

**How do fire sprinklers work?** Fire sprinklers are connected to a network of pipes, usually above the ceiling, that are connected to the home's water supply. In the event of an uncontrolled fire, heat rises to the ceiling, activating the closest sprinkler to the fire at a preset temperature.

**Do all the home's sprinklers go off at the same time?** Despite what you may have seen in movies, each sprinkler operates independently, and sprays water only when it reaches a predetermined temperature threshold. In 90% of house fires, only a single sprinkler is ever activated.

**Will the sprinklers go off accidentally?** Fire sprinklers only operate due to the substantial heat of a potentially deadly fire. Cigarettes, candles and fireplaces will not set off a sprinkler. (Unless, of course, they start the fire.)

**How much water does a fire sprinkler use?** Fire sprinklers use a surprisingly small amount of water to control a fire. In fact, residential sprinklers use up to 15 times less water than the fire department will use to extinguish a house fire.

**How much does a sprinkler system cost?** In a new home, installing a fire sprinkler system will typically cost about the same as a carpet or cabinet upgrade, or a lawn sprinkler system for the yard. Fire sprinkler-equipped homes may also qualify for a lower insurance rate, and often have higher resale value.

**Are sprinkler systems environmentally friendly?** Fire sprinklers actually reduce greenhouse gas emissions from a fire by 98%, reduce water pollution, and reduce the quantity of water needed to suppress the fire. Freedom often suppresses a fire before the fire department is even able to respond.

Visit [vikinggroupinc.com](http://vikinggroupinc.com) to learn more about Viking and Freedom Residential Fire Sprinkler Systems.

