



Class A



Class B



Class C



Class D



Class K

Understanding your Fire Hazard

Did you know that there are different classifications of fires? There are five different classes A, B, C, D, & K. In this article we are going to dive into the different types so that you can understand what hazard you have in your location.

The wrong type of fire extinguisher being used on a fire can result in personal injury or damage to property. It is important to understand the right type of extinguishers as the wrong type of extinguishers can cause electrical shock, explosion, or spread the fire making it worse not better.

Class A is listed as ordinary combustibles. This includes wood, cloth, paper, trash, and many other ordinary materials. Anything that makes ash when it would burn would fall into this category. There are two main types of extinguishers that would be used on this Class of fires is water or dry chemical.

Class B is listed as flammable liquids. This includes alcohol, ether, oil, gasoline, and any other kinds of liquids that are labeled as flammable. The best type of extinguisher to use on this fire is a dry chemical which is effective on most fires rated A, B, & C.

Class C is listed as an electrical fire. This could be anything from electrical equipment to electrical appliances and/or wiring. In this case it is important to use a nonconductive extinguishing agent to prevent injuries from electrical shock. **DO NOT USE WATER.** The most typical type of extinguisher that is used on this type of fire is a carbon dioxide; however, there are other options as well such as Clean Agent.

Class D is listed as flammable metallic, such as sodium and potassium. Most extinguishing agents will react with combustible metals and at a minimum will not work to put out the fire but at a maximum will increase the severity of the fire. Class D extinguishers are designed to cover the burning metal with a dry powder that will not react with the metal and smother the fire.

Class K is listed as a fire involving vegetable or animal oils or fats in cooking appliances. These extinguishers are K Class extinguishers and are most commonly found in a kitchen where deep fryers, griddles, or other grease creating appliances are found.

Most fire extinguishers are rated for use on more than one type of fire. For example, a dry chemical extinguisher is rated as ABC, or a carbon dioxide which carries a BC rating. Check your extinguisher labels for more clarification on what your extinguisher is listed for.

As always if you have questions please feel free to reach out to us or check out our website for more information.

References:

How to Use - Amerex Fire Systems (amerex-fire.com)



Employee Spotlight
Vicki Whitmire
Vice President
Since 1989

In 1989, Vicki joined the Peach State Fire team following in the footsteps of her mother. She was promoted to Vice President of the company in 1996 and remains in that position today. She started with Peach State Fire to work with family and loves the "family" she has gained through employees and customers.

To her we are a success because other fire extinguisher companies and our customers recommend us based on our fair and honest business practices, and reliability in responding in a timely manner. To anyone thinking about entering the fire safety industry she wants you to know that you should love what you do. You are saving lives and property and for that reason you should be honest and take pride in the work that you are doing.

Vicki is on a bowling league that placed fairly high this season, and is a part of her church praise team. She loves to cook and sing and uses her talents to benefit others more than herself. She is currently binge watching The Amazing Race and would love to someday visit Alaska. If she had to eat any meal for the rest of her life it would be cheese, just cheese.



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