

# KNOW YOUR FIRE EXTINGUISHER

It is vital to know what type of extinguisher you are using. Using the wrong type of extinguisher for the wrong type of fire can be life-threatening.

## Fire Extinguisher Type and Use Guide



FIRE CLASS	WATER	DRY POWDER	FOAM	CO2	WET CHEMICAL	SPECIAL POWDER
Carbonaceous Materials 	✓	✓	✓	✗	✓	✗
Flammable Liquids 	✗	✓	✓	✓	✗	✗
Flammable Gases 	✗	✓	✗	✗	✗	✗
Flammable Metals 	✗	✗	✗	✗	✗	✓
Electrical Equipment 	✗	✓	✗	✓	✗	✗
Cooking Oils 	✗	✗	✗	✗	✓	✗

## TYPES OF FIRE EXTINGUISHERS

With so many fire extinguishers to choose from, selecting the proper one for your home can be a daunting task. Everyone should have at least one fire extinguisher at home, but it's just as important to ensure you have the proper type of fire extinguisher. Fire protection experts recommend one for the kitchen, the garage and workshop.

Fire extinguishers are divided into four categories, based on different types of fires. Each fire extinguisher also has a numerical rating that serves as a guide for the amount of fire the extinguisher can handle. The higher the number, the more fire-fighting power. The following is a quick guide to help choose the right type of extinguisher. Also see how to buy a fire extinguisher.

Class A extinguishers are for ordinary combustible materials such as paper, wood, cardboard, and most plastics. The numerical rating on these types of extinguishers indicates the amount of water it holds and the amount of fire it can extinguish. Geometric symbol (green triangle)

Class B fires involve flammable or combustible liquids such as gasoline, kerosene, grease and oil. The numerical rating for class B extinguishers indicates the approximate number of square feet of fire it can extinguish. Geometric symbol (red square)

Class C fires involve electrical equipment, such as appliances, wiring, circuit breakers and outlets. Never use water to extinguish class C fires - the risk of electrical shock is far too great! Class C extinguishers do not have a numerical rating. The C classification means the extinguishing agent is non-conductive. Geometric symbol (blue circle)

Class D fire extinguishers are commonly found in a chemical laboratory. They are for fires that involve combustible metals, such as magnesium, titanium, potassium and sodium. These types of extinguishers also have no numerical rating, nor are they given a multi-purpose rating - they are designed for class D fires only. Geometric symbol (Yellow Decagon)

Class F fire extinguishers are for fires that involve cooking oils, trans-fats, or fats in cooking appliances and are typically found in restaurant and cafeteria kitchens. Geometric symbol (black hexagon)

Some fires may involve a combination of these classifications. Your fire extinguishers should have ABC ratings on them.