

Extinguishers Must Fit the Fire



CLASS "A" FIRES:

Fires in ordinary combustible materials, such as wood, cloth, paper, rubber, and many plastics.



CLASS "B" FIRES:

Fires in flammable liquids, oils, greases, tars, oil base paints, and flammable gases.



CLASS "C" FIRES:

Fires which involve energized electrical equipment. It is important that the extinguishing agent be nonconductive.



CLASS "D" FIRES:

Fires which involve combustible metals or combustible metal alloys (commonly found in a chemical lab). The extinguisher must match the metal. It will be labeled with a list of metals that match the extinguishing agent. (They have no numerical rating).



CLASS "K" FIRES:

Fires that involve vegetable oils, animal oils, or fats in cooking appliances. This is for commercial kitchens. A placard which identifies the use of the extinguisher as a secondary backup means to the automatic fire extinguisher system should be placed near each portable K fire extinguisher in the cooking area.

A portable fire extinguisher can put out a small fire or contain it until the fire department arrives.

Portable extinguishers are not designed to fight a large or spreading fire. Even against small fires, they are useful only under the right conditions:

- An extinguisher must be large enough for the fire at hand. It must be fully charged and in working order.
- The operator must know how to use the extinguisher quickly without taking time to read directions during an emergency.
- The operator must be reasonably strong to lift and operate the extinguisher.

When NOT to Fight the Fire

There are times when you should not fight a fire with a portable extinguisher:

- If the fire is spreading beyond the immediate area where it started or is already a large fire.
- If the fire could block your escape route.
- If you are in doubt about whether the extinguisher is the proper type of fire at hand.

If even one of these conditions is true, leave immediately, close off the area, and leave the fire to the fire department.

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Ohio

Department
of Commerce

Division of State Fire Marshal

Portable Fire Extinguishers Guide

John R. Kasich, Governor
Jacqueline T. Williams, Director

8895 East Main Street
Reynoldsburg, Ohio 43068
1-888-243-0305
TTY/TDD: 1-800-750-0750
www.com.ohio.gov/fire

When to Fight the Fire...

Fight the fire only if all of the following are true:

- Everyone has left or is leaving the building.
- The fire department is being called.
- The fire is small and confined to the immediate area where it started (wastebasket, cushion, small appliance, etc.)
- Your extinguisher is rated for the type of fire you are fighting and is in good working order.
- You know how to use the extinguisher and can operate it effectively.

If you have the slightest doubt about whether you should fight the fire — DON'T! Instead, get out and close the door behind you.

PROTECT YOURSELF AT ALL TIMES!

Stay low. Avoid breathing the heated smoke and fumes or the extinguishing agent.

If the fire starts to spread or threatens your escape route, **get out** immediately, and close the door to contain the fire.

Remember:

If you need to use an extinguisher, just think of the word "P.A.S.S."

PULL

the safety pin at the top of the extinguisher located in the handle.

AIM

the nozzle or hose at the base of the flames. Check the manufacturer's recommendations for a safe discharge distance.

SQUEEZE

or press the handle.

SWEEP

from side to side at the base of the fire until it goes out.

By following these procedures, a fire can be extinguished in the quickest and safest manner possible.

