

PORTABLE FIRE EXTINGUISHERS ARE SAFE & EFFECTIVE TOOLS FOR BUILDING OCCUPANTS

PEOPLE ARE USING PORTABLE FIRE EXTINGUISHERS EVERY DAY TO PROTECT COMMERCIAL & RESIDENTIAL PROPERTY...

According to a 2017 NFPA study¹, out of all fires that occurred in sprinklered buildings,

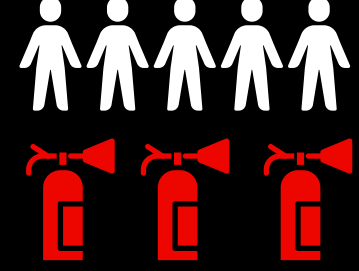
84% of the time the fire never grew large enough to activate the sprinklers.



ARE THE FIRES GOING OUT ON THEIR OWN?

IT'S SAFE TO ASSUME THAT BUILDING OCCUPANTS ARE EXTINGUISHING MOST OF THOSE FIRES, AND PORTABLE FIRE EXTINGUISHERS ARE THE SAFEST TOOL FOR THEM TO USE.

The city of Nashville, TN recently provided data showing that portable fire extinguishers are used extensively to fight fires in commercial buildings. This data is consistent with other data showing that many people try to extinguish small fires with an extinguisher if one is available or whatever is close at hand – a pot of coffee, a water bottle or other means.



52%

OF THE TIME THAT PORTABLE FIRE EXTINGUISHERS ARE BEING USED TO FIGHT A FIRE IN COMMERCIAL BUILDINGS, IT'S BEING USED BY A BUILDING OCCUPANT.

87%

OF THE TIME THAT PORTABLE FIRE EXTINGUISHERS ARE USED THEY ARE USED BY BUILDING OCCUPANTS TO COMPLETELY EXTINGUISH A FIRE IN COMMERCIAL BUILDINGS - BEFORE THE FIRE DEPARTMENT ARRIVES.

*Data provided by the city of Nashville, TN

PORTABLE FIRE EXTINGUISHERS ARE SAFE, EFFECTIVE AND EASY TO USE BY BUILDING OCCUPANTS ACCORDING TO STUDIES...

276

SUBJECTS



98%

SUCCESSFULLY USED THE MECHANICS OF A PORTABLE FIRE EXTINGUISHER

74%

USED PROPER AIMING TECHNIQUE

According to a study conducted by Worcester Polytechnic Institute & the Eastern Kentucky University,² of 276 subjects, 98% successfully used a portable fire extinguisher by pulling the pin, squeezing the trigger, and discharging it. Almost three-quarters used proper technique of aiming at the base of the fire and used a back and forth motion until the fire was out.

THE DATA IS CONSISTENT...

40%

of all fires in TX state buildings from 2008-2010 were extinguished by portable fire extinguishers

All this is consistent with earlier data³ from the Texas State Fire Marshal who found that 40% of fires in state buildings from 2008-2010 were extinguished by portable fire extinguishers.



USE OF EXTINGUISHERS IS EVEN HIGHER THAN THE DATA SHOWS...

We know that there were many more incidents of portable fire extinguishers used to fight fires in commercial buildings than the incidents reported by Nashville. The Consumer Product Safety Commission found in their landmark study⁴ on residential fires, that only 5% of residential fires were reported to the fire department.

IT'S CLEAR, PORTABLE FIRE EXTINGUISHERS ARE EASY & SAFE TO USE BY BUILDING OCCUPANTS.

1. 2017 NFPA report "U.S. Experience With Sprinklers"
2. "Ordinary People and Effective Operation of Fire Extinguishers", April 27, 2012 by Kathy Ann Notarianni, Professor and Head of Department, Fire Protection Engineering, WPI; William D. Hicks, Assistant Professor, Fire and Safety Engineering Technology Program, ECU
3. Texas State Fire Marshal Paul Maldonado, 2010
4. 2004- 2005 National Sample Survey of Unreported Residential Fires, U. S. Consumer Product Safety Commission, Michael A. Greene, Division of Hazard Analysis, Directorate for Epidemiology, page 159, Table 8-4