

Talk No: 40

Title: CO2 FIRE EXTINGUISHER

Introduction: The effect of the carbon dioxide gas is to smother the flames within seconds, by shutting off air to the fire, which keeps damage to a minimum.

Main points:

- CO2 fire extinguishers are suitable for class B & C fires, involving flammable liquids and gases and also on electrical fires.
- CO2 Fire Extinguishers - Colour Black

Discussion points:

- The effect of the carbon dioxide gas is to smother the flames within seconds, by shutting off air to the fire
- CO2 extinguishers contain carbon dioxide, a non-flammable gas, stored under pressure as a liquid
- On release, the carbon dioxide rapidly expands to a mist of minute particles of dry ice.
- This "snow" absorbs the heat while the vapour smothers the fire, and the temperature is reduced to suppress re-ignition.
- The vapour is able to spread throughout the whole area of the fire, including any electrical equipment or cabinets.



DON'T TOUCH THE HORN – YOUR HAND WILL STICK TO IT

Notes: