Fire Extinguishers - Working of CO2 Fire Extinguishers by Koushrokee

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CO2 Fire extinguishers expanded as Carbon dioxide fire extinguishers work by cooling fire and by removal of oxygen from the fire spot. They contain a combination of CO2, liquid and a non-flammable gas. Due to the fact that CO2 is a gas at room temperature to store it in fluid form it should be stored at extremely high pressure. As and when a user releases the pressure from the extinguisher, the gas enlarges, reducing the temperature in air and bombarding a white cloud similar to snow. Since the gas is under pressure, dehydrated ice might flow from the extinguisher when it is in use.

When it comes to cylinders used in these fire extinguishers, they are made from a heavy-duty aluminum alloy and these are lesser in weight as compared to the cylinders made out of steel. These extinguishers are offered in different sizes and portable sizes can range from as low as five Kilograms and as high as 20 kgs. However, there are some manufacturers offering even 2kg extinguishers. These CO2 extinguishers are offered in two colors namely red and chrome and the users are at the liberty to choose the color that matches the wall in their home or office.

Now, let us have a look at the benefits of Carbon dioxide extinguishers. These extinguishers are capable of extinguishing electrical and liquid fires and when there is a fire accident, it is classified as either class B or class C fire. Co2 fire extinguishers are meant for Class B fires involving, kerosene, oil, gasoline, grease and other flammable liquids. As mentioned earlier, they are also capable of extinguishing electrical fires.

Extinguishers with lesser weights like 2 kg and 5 kg are offered with flat base by some manufacturers for making it stand easily and they are also offered with brackets in such a way that they can be fixed on the wall.

It would be wise if the user selects an appropriate manufacturer for purchasing the extinguisher to ensure that they get the best product. There are some online stores, which offer only the extinguishers from branded manufactures with a guarantee of five years. They not only offer extinguishers, but several other items like fire warden kit, fire alarms, fire safety signs, carbon monoxide alarms, extinguisher accessories, smoke alarms, fire blankets in such a way that people can protect their personal belongings from the hard hand of fire. Selection of an appropriate online store not only ensures the best quality product, but also safe home delivery as well.

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Koushrokee - About Author:
All our Fire Extinguishers are manufactured in the UK and carry the BAFE, Kitemark and CE approved. We also stock a massive range of fire safety equipment including a home CO2 fire extinguisher, smoke alarms, fire blankets, dry powder and fist aid kits. All in stock at LOW PRICES! For highly qualified a fire extinguishers and safety training, visit us online.

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