Klents

KO2 - CARBON DIOXIDE

Total Flood Fire Suppression System

Carbon Dioxide is one of the most widely used Fire Protection products on the market.

Its extinguishing principle is based on reducing the oxygen concentration of the critical area that we want to protect.

Carbon Dioxide

Its components are found naturally in the environment

Their effectiveness is based on the displacement of oxygen from the risk to be protected, eliminating one of the basic elements of the fire tetrahedron.

They require relatively high concentrations, therefore reducing the amount of oxygen to levels where combustion is not sustained.

It is especially recommended for rooms with technological, electrical and electronic risks, since it is a clean agent which leaves no residue.

The extinguishing system is integrated by storage systems, pipe network and discharge diffusers.

Qualities

Advantages of the carbon dioxide system

1. Clean extinguishing: leaves no residue after discharge
2. Doesn’t reduce visibility
3. They are not conductors of electricity
4. Suitable for class A, B and C fires

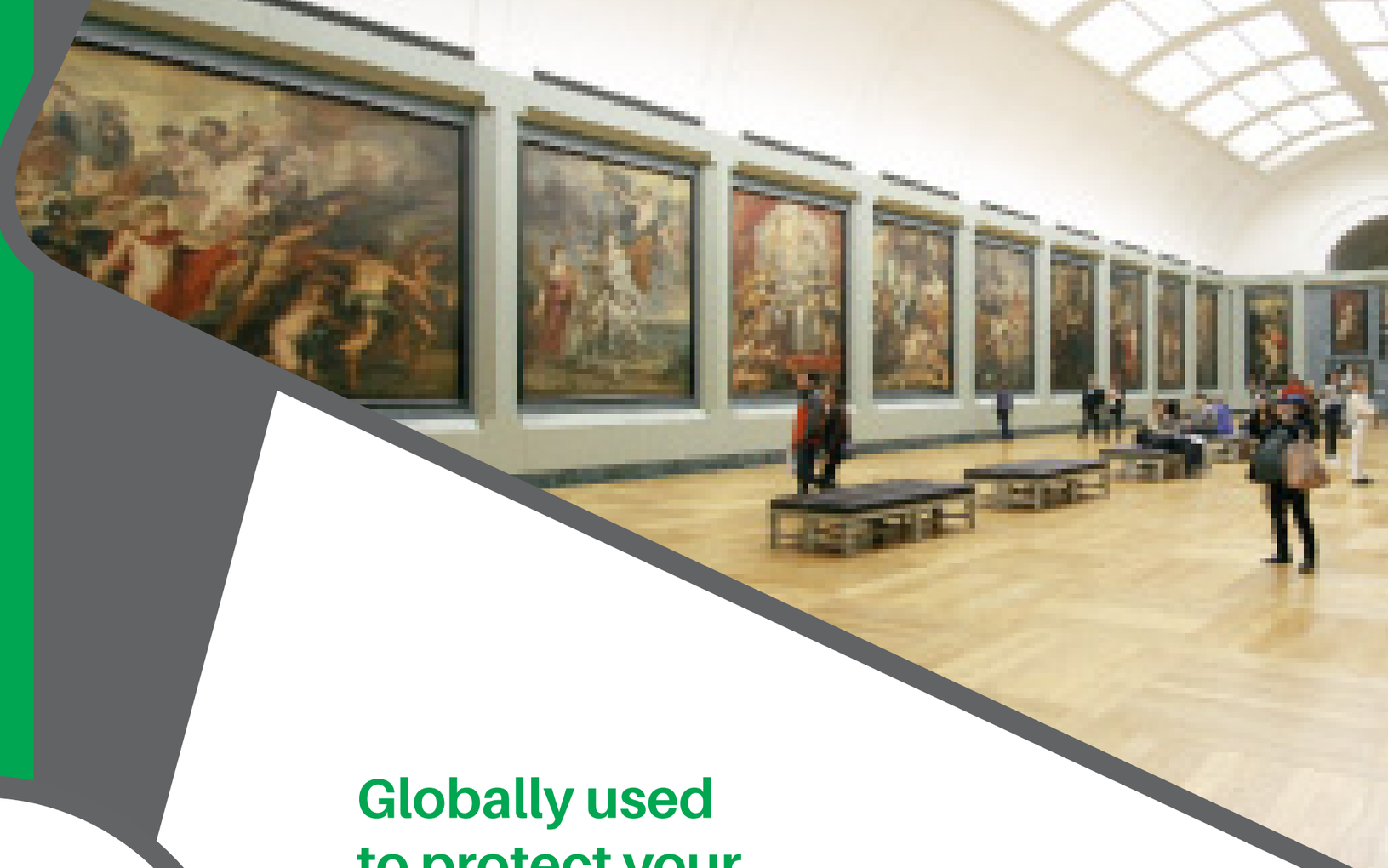
Composed of CO2

Cylinder size: 80lt

Applications

Carbon Dioxide is especially recommended for electrical hazards

- Records
- Libraries
- Data Centers
- Educational Centers
- Medical Centers
- Communications
- Public spaces
- Sport zones
- Art Galleries
- Hostelry
- Churches and Cathedrals
- Commercial Local
- Museums
- Industrial Buildings
- Offices
- Patrimony
- Control Rooms
- Electrical and CGBT Rooms
- GIS Rooms
- Shelters
- Substations
- Transformers



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Globally used to protect your assets

Certifications

VdS CE NFPA® TPED (PI)

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