

**CARBON DIOXIDE (CO<sub>2</sub>) 2 kgs  
FIRE EXTINGUISHER**  
ACCORDING TO EN 3-7:2004

mod. CG2F

**TECHNICAL CHARACTERISTICS**

TOTAL HEIGHT(H): 515 mm  
CYLINDER DIAMETER (D): 110 mm  
TOTAL WEIGHT: 5.8 kgs  
EXTINGUISHING AGENT: CO<sub>2</sub> - Carbon Dioxide  
SIPHON TUBE: Plastic PVC  
NOMINAL CHARGE: 2 kg  
DISCHARGE TIME: 8 sec  
JET LENGTH: 3 mt  
WORKING PRESSURE: 60 Bar at 20 Deg.C  
TEST PRESSURE: 250 Bar  
BURST PRSSURE: 450 Bar  
TEMPERATURE RANGE: -20 + 60 Deg. C  
EQUIPPED WITH METAL WALL BRACKET

**CYLINDER**

Seamless steal body made from light alloy steel,  
**CE marked.**  
Neck gear DIN 477 threaded.  
Serial number and manufacturing year shown on all cylinders.  
Internal chemical cleaning.  
Deep sandblasted and painted with high resistance epoxy powder for all climate conditions.

**VALVE**

Brass made P-CuZn40Pb2 squeeze lever type,  
**CE marked.**  
Complete with safety with safety bursting disc operating at 200 Bar, brass made safety pin with seal.

**DISCHARGED HORN**

High performance discharge horn, made of special insulating plastic against hand freezing.  
Containing brass nozzle with two holes outlet to permit the best condition to extinguishing the fire.

**HOW TO USE**

This fire extinguisher can be used against B class of fires (small dimensions indoor or outdoors).  
Pick-up extinguisher, pull out safety pin, press upper lever, aim at fire base and sweep with horn.

**EXTINGUISHING AGENT**

Carbon Dioxide (CO<sub>2</sub>) it is a colorless and odorless gas, in a normal condition 1kg of CO<sub>2</sub> liquid produce approx. 520 litres of vapour gas, it is compressed in liquid phase inside the high pressure cylinder at 20 deg. the pressure inside of cylinder is about 55-60 Bar.

CO<sub>2</sub> gas extinguishes fire in a double way effect:

a) Displacement of atmospheric oxygen (any fire will be extinguished after ¼ of the air has been displaced by CO<sub>2</sub>).

b) Cooling the material burning coming out the special dielectric horn as iced snow CO<sub>2</sub> is able to extinguish the following classes of fire:

B=Flammable liquids as petrol, tec.

Also can be used on **live electrical equipment.**

**MAINTENANCE**

Inspect monthly total weight, if less than 10% proceed for refilling. Check for obstructions in the horn and into the swivel arm, if any, clean them with compressed air. Check if pin and seal are intact. Even after partial use the fire extinguisher must be refilled. Cylinder body test at 250 Bar must be done after 10 years. Yearly inspection and maintenance required by competent person.