



## 5 kg CO<sub>2</sub> aluminium/5 kg CO<sub>2</sub> steel CARBON DIOXIDE

### PROPERTIES

#### General characteristics

CO<sub>2</sub> is a non-combustible, non-combustive gas. When stored as a liquid at high pressure, no auxiliary agent is needed for expulsion.

#### Extinguishing mechanisms

Triple effect:

- smothering: replacement of a sufficient quantity (40 to 50% by volume) of atmospheric oxygen by an inert gas,
- blast effect: the projection force mechanically beats down the flames.
- cooling: the carbon dioxide snow formed by the rapid drop in pressure of the CO<sub>2</sub> is at -78°C.

#### Dielectric properties

CO<sub>2</sub> can be used without danger on live electrical installations.

#### Other properties

CO<sub>2</sub> is almost completely non toxic, and leaves no residue after use.

### EFFICIENCY

#### Class B

CO<sub>2</sub> is particularly effective on class B liquid or liquefiable solid fires (hydrocarbons, chemical products, plastics, etc.). It is used in kitchens, laboratories, on precision machinery, etc.

#### Electrical fires

CO<sub>2</sub> does not conduct electricity, and is specially recommended for all fires in the presence of a live conductor: transformers, telephone exchanges, electrical switchboards, computers, motors, etc.

### EASY TO USE

#### Operation

Very easy to use. After removing the safety pin, press the control lever. This lever releases the CO<sub>2</sub> and controls the flow rate by means of a check valve located inside the headcap. The cap also contains a safety valve which releases CO<sub>2</sub> if the pressure becomes too high, notably after prolonged exposure to a temperature above 60°C.

#### Permanent pressure

The extinguishing agent, a self-propelling gas, is loaded into the extinguisher during manufacturing. The load is checked accurately by weighing the unit. The extinguisher must be returned to the factory for refilling.

### TECHNICAL PROPERTIES

This extinguisher was designed using highly reliable materials and the latest anti-corrosion protection technologies in order to be ideally suited to industrial environment requirements.

It complies with European standard EN 3 and is one of the highest performance devices in its category.

5 kg aluminium CO <sub>2</sub> extinguisher	01-41.092A
5 kg steel CO <sub>2</sub> extinguisher	01-41.091A

## 5 kg CO<sub>2</sub> aluminium/5 kg CO<sub>2</sub> steel CARBON DIOXIDE

### CHARACTERISTICS

#### BODY

One piece-alu.

Proof pressure : 212 bars, stamped by DRIRE.

External coating : shot peening and red coloured anti-corrosion coating.

#### OPERATING DEVICE

All metal, high pressure. Includes a control lever, a sealed safety device preventing all unintentional triggering and a safety valve.

#### SPRAYING DEVICE

Set formed of an armed flexible and a wide diffusion nozzle with a total length of 1100 mm.

#### EXTINGUISHING AGENT

5 kg - CO<sub>2</sub>.

#### BRACKET

Wall type.

#### TEMPERATURE FOR USE

-20° +60°C.

#### DIMENSIONS AND WEIGHT

Height : 860 mm - Width : 550 mm - Depth : 155 mm.

Weight : 12,3 kg (aluminium) and 14,3 (steel).

Packaging : 780 x 325 x 190 mm - Weight : 13,8 kg (aluminium) and 15,8 kg (steel).

#### APPROVAL

- CE.PED.B.UDM.016.02.FRA (aluminium)
- CE.PED.B.UDM.014.02.FRA (steel)
- NF-EN3 certification N° EC5 175 134.

#### PERFORMANCES SOURCES TYPES

- 89B

#### Regular requalification

Art. 22 of French decree dated 15 March 2000

The qualification must be renewed at the owner's request the first time the extinguisher is refilled after at least five years have passed since the previous requalification, and no more than ten years after the previous requalification.

In practice on-site requalification involves exchanging the extinguisher.

### INSTRUCTIONS FOR USE



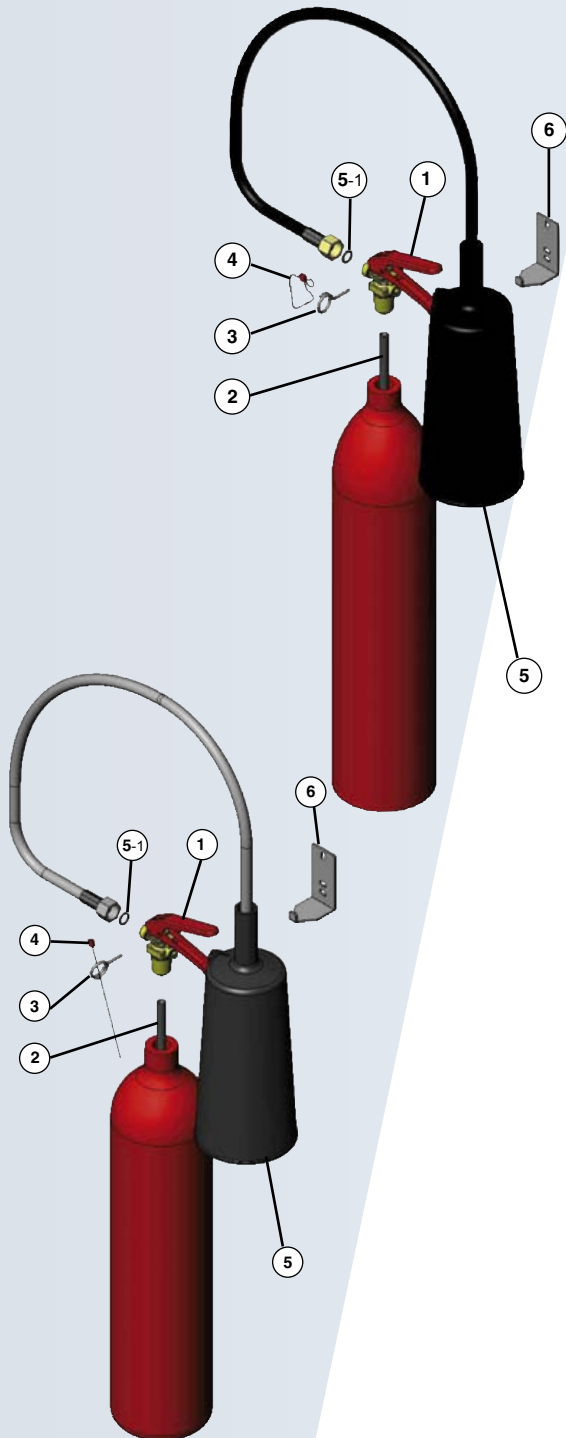
**1- Pull out** the safety pin by pulling the ring



**2- Direct** the horn at the base of the flames



**3- Press** the control lever



o ENK	ç CE	a ÉeÀeíçã
1	03-13.319	CO <sub>2</sub> valve with lever
2	03-08.800	Metal plunger ø 8/13
3	03-11.750	Safety pin
4	03-06.9242	Lead seals - bag of 90
5	03-08.503	Complete nozzle assembly
5-1	03-12.410	Fibre seal ø 13,5 x 19 x 2
6	03-13.866	CO <sub>2</sub> bracket