

Carbon Dioxide Fire Extinguisher kg 5 Marine approved by CSI certified MED nr. MED/0497/084/09 DD 03/02/2009

Description

Manufactured according to Directive 96/98/EC (MED) with modules B and D they have also achieved all the essential safety requirements of Directive 97/23/EC. It is EN3 approved, and succeeded the dielectric test at 35 KV at 1 mt distance, therefore it can be used on electrical equipment up to 1000 Volt at 1 mt distance minimum.

Cylinder

The design cylinder is manufactured according to EN1964-1 or directive 84/525/EEC and the Pressure Equipment Directive 97/23/EC (PED) and "CE marked". The cylinder is designed with maximum allowable pressure PS 174 bar at 60°C. Each cylinder is leakages tested moreover hydraulic tested up to 250bar. Before painting it is clean with phosphate process assuring a clean surface for a correct grasp of the epoxy coating red RAL 3000.

Valve squeeze lever

The design valve is manufactured according to the EN3 and the material is brass made supplied with safety valve. A green safety seal on the valve improves the optical checking and integrity from far distance.

Discharge horn

The discharge horn is made in dielectric polypropylene. Inside there is a brass nozzle. This device acts the transformation in gas of the extinguishing agent so the jet can promptly extinguish the fire

Discharge hose

Rubber SBS hose reinforced with steel wire connected to a discharge horn with brass nozzle. Its length allow you to act at a safety distance from the fire.

Extinguishing agent

Carbon dioxide is a odourless and colour less gas. It weigh about 1.5 times the air; it does not wet, dirty and it does not damage objects. The CO2 used in the extinguishers is 99% pure and it is moisture-less. CO2 is compressed in liquid phase inside the high pressure cylinder. In normal conditions at 20°C, the pressure inside the cylinder is about 55-60 bar and 1 Kg of liquid CO2 produces approx 520 litres of vapour gas.

Use

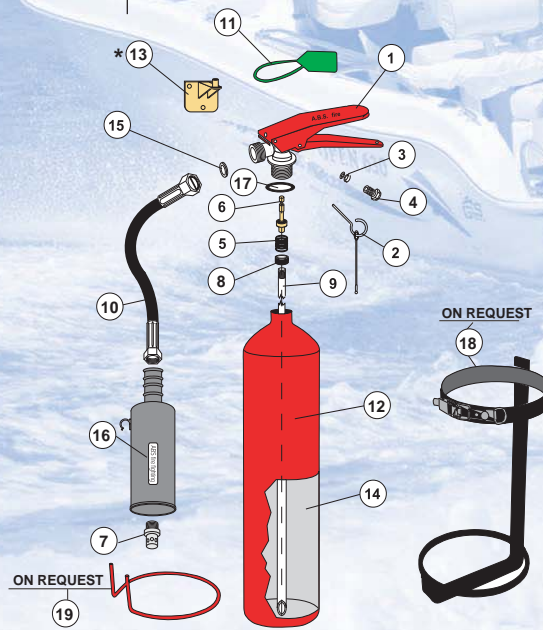
- 1) Pick up the extinguisher from the wall hanger and keep it in hand at the inferior leverage.
 - 2) Pull out the safety pin (2) from the valve and keep in the other hand the handle of the horn (16).
 - 3) Squeeze the upper lever of the valve (1) and aim the jet at the base of the burning material, sweep the extinguishing agent right and left uniformly on the fire,
- In case of fire of inflammable liquids don't approach too much. You need trained people to use properly.

Maintenance and Guarantee

Maintenance must be made periodically by trained and certified staff, according to the local regulations of the country where it is located, anyway at least every 12 months. The extinguisher is guaranteed for 12 months from the date of the supply. The guarantee includes, repairing or replacement, as manufacturer option. Unit must be sent back to the factory free of charge, only when authorized written agreement with our sales office has been reached. The guarantee expires in case of tampering and bad maintenance made by not-authorized staff, or transport damages. It must be recharged only by staff authorized and certified by a.b.s. S.r.l., use only genuine original spare parts.

Spare part list

Pos.	Description	Code
1	Complete valve brass	21804_1
2	Safety pin brass or stainless steel	21089
3	Safety disc	21020
4	Safety nut	21098
5	Spring stainless steel	21024/S
6	Spindle brass	21024
7	Nozzle brass	20010
8	Spring lock ring	21024/N
9	Siphon light alloy	21703
10	Discharge hose	21633
11	Safety seal plastic	28019
12	Cylinder 34 CrMo4 (7.5 lt)	21107
13(*)	Standard wallbracket (on valve)	21001
14	Carbon Dioxide	32001
15	Gasket	21036
16	Discharge horn plastic	21029
17	Valve's o-ring	21086
18	Marine bracket steel painted (on request)	20047
"	Marine bracket stainless steel (on request)	20095
19	Metal ring steel (on request)	20000



(*) The standard bracket 21009 is suggested for land use, Marine bracket is sold separately, many types available.

Class of fire



Technical specifications

Extinguishing agent	Carbon dioxide
Nominal charge	5 Kg
Discharge time ~	14 sec
Jet length ~	3 m
Operating pressure	51.7 bar at 20°C
Test pressure 97/23/EC	250 bar
Temperature range	-30°C +60°C
Dimensions	
Height ~	785 mm
Width ~	180 mm
Diameter	136 mm
Weight ~	15 kg

