



## Powder Fire Extinguisher kg 12 Marine approved by CSI certified MED nr. MED/0497/104/09 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 EN3.3 and the Pressure Equipment Directive 97/23/EC (PED) and "CE marked". The cylinder is designed with maximum allowable pressure PS 18 bar at 60°C.

Each cylinder is leakages tested moreover hydraulic tested up to 26-bar for thirty seconds.

Before painting it is cleaned with a deep sand blasting assuring a raw surface for a perfect and strong grasp of the epoxy polyester powder coating red RAL 3000 u.v.

### Complete replacement spare parts

#### 31304 Including:

Powder, O-ring, safety seal.

The SOLAS Convention Chapter II-2 part C.

### Spare part list

Pos.	Description	Code
1	Complete valve brass	21821
2	Safety pin brass	21018
3	Safety valve	21083
4	Back holder (on request)	20118
5	Check valve	21025
6	Spring	21094
7	Spindle	21060
8	Valve's o-ring	21044
9	Siphon nut	21095
10	Siphon tube PVC	21709
11	Pressure gauge Ø 27	21521
12	Discharge hose	21615
13	Safety seal plastic	28019
14	Cylinder DD12 EN10111 (13.4 lt)	27503
15(*)	Standard wallbracket (on valve)	21001
16	Powder ABC 40	31140
17	Marine bracket (on request)	20908
18	Back bracket latch (on request)	20919_1
19	Wall Back bracket (on request)	20052
20	Plastic collar neck ring head fire ext.	21125
21	Plastic foot (on request)	21049

### Valve M30x1,5 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.

### Pressure gauge

Pressure gauge is and brass galvanized. The diameter Ø 27 mm and the thread is M10x1 with o-ring for easy unscrew to check the real internal pressure any time without need of special tools.

### Discharge hose

It is a rubber hose diameter tube 10 x 19 mm, with reinforced textiles; at the end there is a discharge nozzle. Working pressure 25 bar Its length allows the user to act at a safety distance from the fire.

### Extinguishing agent

Dry chemical powder ABC German quality is produced according to EN 615 and ISO 9000 quality control.

Dry powder is not corrosive, not abrasive, not toxic for humans and animals.

NEVER MIX WITH OTHER KIND. Use only original spare parts.

### Use

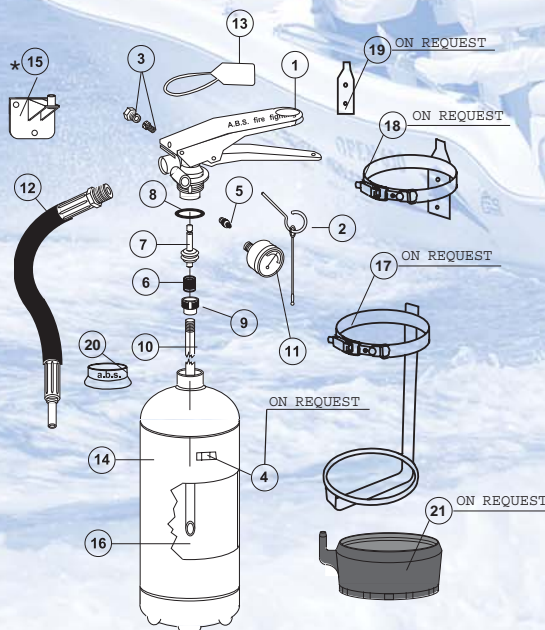
- 1) Pick up the extinguisher from the wall support and keep it in hand on the inferior leverage.
- 2) Pull out the safety pin (2) from the valve and keep in the other hand the hose (12) near the nozzle.
- 3) Squeeze the upper lever of the valve (1) and aim the jet at the base of the burning material, 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.



(\*) The standard bracket 21001 is suggested for land use, Marine bracket is sold separately, many types available.

### Classes of fire

55 233

### Technical specifications

Extinguishing agent	: powder ABC 40
Propellant	: nitrogen or dry air
Nominal charge	: 12 Kg
Discharge time ~	: 18 sec
Jet length ~	: 7 m
Operating pressure	: 14 bar at 20°C
Test pressure 97/23/EC	: 26 bar
Burst pressure	: >55 bar
Temperature range	: -30°C +60°C
<b>Dimensions</b>	
Height ~	: 635 mm
Width ~	: 195 mm
Diameter	: 190 mm
Weight ~	: 17.5 kg

