

# Powder Fire Extinguisher kg 12 Marine

CSI certified MED nr. MED/0497/103/09 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 13 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\_1 Including:

Powder, internal cartridge, O-ring, safety seal.

The SOLAS Convention Chapter II-2 part C.

## Spare part list

Pos.	Description	Code
1	Complete valve brass	20040
2	Safety pin brass	20091
3	Safety valve	21131
4	Safety nut	21019
5	Oring valve	20038
6	Siphon tube Steel pres	20728
7	Internal cartridge 210 gr.	20208
8	Siphon tube PVC discharge	21709
9	Or discharge hose connection	20037
10	Discharge hose	20659
11	Cylinder DD12 EN10111 (13.4 lt)	27502
12	Powder ABC40	31140
13	Safety seal plastic	28019
14(*)	Wall Back bracket	20052
15	Colring	28025
16	Clip plastic hose	20098
17	Pistol	21035
18	Marine bracket (on request)	20908
19	Back bracket latch (on request)	20919_1
20	Plastic foot (on request)	21049

## Valve M74x2 squeeze lever

The design valve is manufactured according to the EN3 with knob and handle and the valve's body material is brass; supplied with safety valve. A green safety seal on the valve improves the optical checking and integrity from far distance.

## Internal cartridge

Capacity 210 g, high pressure seamless steel, tested at 250 bar.

## Discharge hose

It is a rubber hose diameter tube 20 mm, with reinforced textiles; at the end there is a discharge pistol. 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.

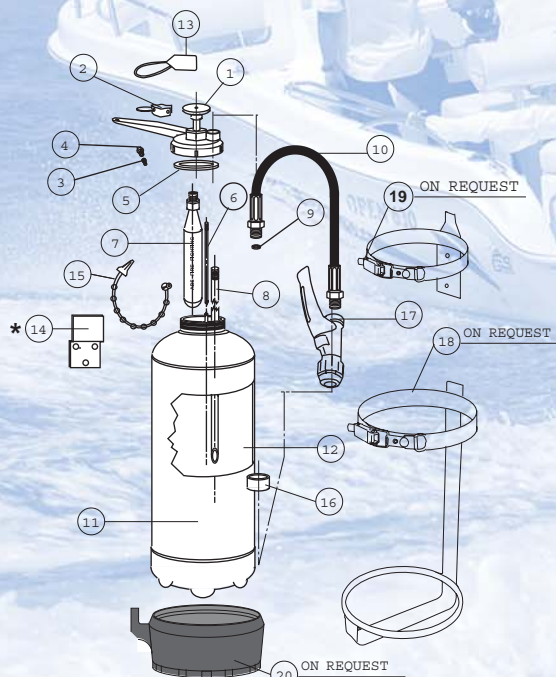
NEVER MIX WITH OTHER KIND. Use only original spare parts.

## Use

- 1) Pick up the extinguisher from the wall support and keep it in hand on the leverage.
  - 2) Pull out the safety pin (2) from the valve.
  - 3) Press upper knob and keep the pistol in one hand, squeeze the pistol lever and sweep the extinguishing agent right and left uniformly at the base of fire.
- In case of fire of inflammable liquids don't approach too much. Trained people is needed for a proper use.

## 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 20052 is suggested for land use, Marine bracket is sold separately, many types available.

## Classes of fire



## Technical specifications

Extinguishing agent	: powder ABC 40
Propellent	: CO2 Internal cartridge 210 gr
Nominal charge	: 12 Kg
Discharge time ~	: 26 sec
Jet length ~	: 7 m
Operating pressure	: 13 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 ~	: 605 mm
Width ~	: 200 mm
Diameter	: 190 mm
Weight ~	: 19 kg

