

Sealfire Foam Fire Extinguisher It 9 Class of fire 34A 233B 75F

EN3.7 conformity certificate nr. **2283-2009** EC Approved Certificate: **CE-1370-PED-H-ABS001-13-ITA**



34

Organic solid materials, wood rubber, textiles etc.



233

Flammable liquids, gasoline, oil etc.



75

Fires caused by fats and kitchen oils;

Cylinder, CE marked PED 97/23/EC

The cylinder is designed and manufactured according to EN3.8 and the Pressure Equipment Directive 97/23/EC (PED) and "CE marked".

The cylinder is designed with maximum allowable pressure PS 20 bar at 60°C.

The cylinder is made in 3 pieces two domes (upper and lower) steel type DD12, one cylindrical shell, steel type DD12 and the neck gear steel type S235J2G3.

Each cylinder is polyethylene coated inside to protect it against corrosion and 2 years guarantee from internal corrosion.

Each cylinder is hydraulic tested up to 30-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. Each cylinder is polithen coated inside to protect it against corrosion. Available also stainless steel and Marine version **cod.14392**.

Valve M74x2, CE marked (PED 97/23/EC)

The swivel neck ring M74x2 guaranteed the correct position of the pressure gauge always opposite to the welding.

Discharge hose

Consists of EPDM rubber hose with textile reinforcement. The pipe hose is highly resistant, it remains soft from -30°C to + 60°C instead the economic PVC become hard at low temperature.

Internal cartridge

Capacity 55 g, high pressure seamless steel, tested at 250 bar.

Extinguishing agent

SealfireAB® is a registered trade mark. It is a special formula AFFF based, by the interaction of two extremely powerful product, reaching very high performance specially against class **A**, **B** and **F** fire. SealfireAB® is a bi-component extinguishing agent SealfireA® and SealfireSC1®. SealfireA® is diluite in water and it is totally biodegradable, while SealfireSC1® is packed in special cartridge sealed with aluminium bursting cap which automatically will be mixed with water when activating fire extinguisher.

This system will ensure long life foam resistance and big reduction of the pollution in fact even SealfireSC1® is considered as biodegradable material with minimal environmental impact. SealfireAB® has also a fast cooling effect on the burning area. The fat / grease material will be soaked by SealfireAB® and its reactions forms a thick heat resistant foam layer that stops and prevents the combustion.



Dielectric non conductive nozzle

The wall bracket keep the fire extinguisher tight to the wall.



Foot and bottom manufactured in single pressing process. **Will never rust.**

Cartridge is sealed longer shelflife

SEALFIRE AB

Used for the extinguisher foam internal cartridge.



CARTRIDGE

SealfireAB® is a safe product adopted by major fast-food networks and hotels.

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) Squeeze upper lever (1) and release the lever (1) for pressurize the fire extinguisher, after keep the hose in one hand, squeeze lever 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 flammable liquids don't approach too much, keep yourself distance in according to the local regulations.

In some country training is requested to use the extinguisher.

This extinguisher can be used on all the types of fire classes A B and F and also on electrical equipment up to 1000 Volt at 1 m distance minimum. In laboratory the extinguisher succeeded the dielectric test at 35 KV at 1 mt distance.

Technical specifications

Extinguishing agent.....: Foam Sealfire®AB
 Internal cartridge..... : CO2 cylinder 55 gr
 Nominal charge : 9 L
 Discharge time ~ : 24 sec
 Jet length ~ : 5 m
 Operating pressure : 15 bar at 20°C
 Test pressure 97/23/EC : 30 bar
 Burstpressure..... : >55 bar

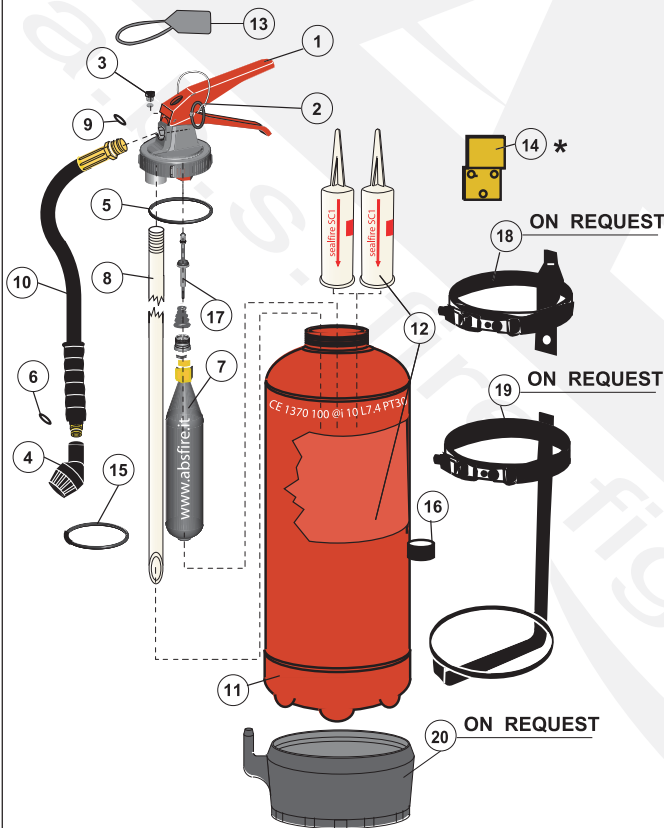
Temperature range..... : -0°C+60°C
 Optional antifreeze up to -30°C

Dimensions

Height ~ : **550 mm**
 Width ~ : **215 mm**
 Diameter ~ : **190 mm**
 Weight ~ : **15 kg**



Made in Italy



Spare part list

Pos.	Description	Code	Q.ty
1	Complete valve brass	20824	1
2	Safety pin brass	21018	1
3	Safety valve	20824_S	1
4	Discharge nozzle plastic	21032	1
5	Oring valve	20038	1
6	O-ring of nozzle	21052	1
7	Internal cartridge 55 gr. thread 3/8" BSP	20177	1
8	Siphon tube PVC discharge	21744	1
9	Or discharge hose connection	20037	1
10	Discharge hose	21618	1
11	Cylinder DD12 EN10111 (10.4 lt)	27710	1
12	SealfireAB®	33396 (1.35L) + 33397 # 2	
13	Safety seal plastic	28019	1
14	Wall Back bracket	20052	1
15	Plastic wrapper	28025	1
16	Clip plastic hose	20098	1
17	Complete spindle	20824_P	1
18	Marine bracket (on request)	20906	1
19	Truck bracket (on request)	20919_1	1
20	Plastic foot (on request)	21049	1

OPTIONAL

Steel foot

Plastic foot

Plastic belt



The use of non original spare parts may cause malfunctions loss

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. 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.