

18181 Powder Wheeled Fire Extinguisher kg 100

Approved EN 1866-1:2008 nr. **1428-2009**, highest rate achieved - A IVB C

EN1866
 Certified



Organic solid materials,
 wood rubber, textiles etc.



Flammable liquids,
 gasoline, oil etc.



Flammable gases,
 methane, propane.

According directive 96/98/EC, EN 1866 and with CE-mark

The wheeled fire extinguisher is manufactured according to Directive 96/98/EC (MED) with modules B and D. As with portable extinguishers, wheeled units also have to comply with high standards to ensure their extinguishing capability (fire rating), quality and reliability. We at a.b.s. know how important it is to make the right choice in fire fighting. Recently, a new European standard for wheeled extinguishers, EN 1866, was introduced. The a.b.s. wheeled extinguisher range, has been the first in Europe to comply with this standard. The wheeled units also carry the CE mark so the range can boast three quality guarantees :a.b.s. (ISO 9001), compliance with EN 1866 and the CE mark. The standard EN1866 defines important minimum levels of pressure retention, corrosion protection, operating temperatures and fire rating.

Technical Characteristics

Wheeled extinguisher is designed for professional use under severe circumstances, resulting in a high level of quality and ease of use. The cylinder, CE marked, it has the welded frame or detachable frame. Ease of mobility is achieved as a result of the large wheels with solid rubber tyres and push bar also ensuring good stability during operation.

2" Valve

The valve is made in brass (STCW617N) and it passed all the requirements of the directive 97/23/EC. There is a safety device at 22 bar. There is a green safety seal to improve the optical check from far. Only a simple glance is enough to check if the extinguisher has been tampered.

Pressure gauge

Pressure gauge is brass galvanized the thread is M10x1 with o-ring for easy unscrew to check the real internal pressure any time without need of tools. If the indicator is in the green field, the extinguisher is ready to be used. If the indicator is in the red field, call immediately the authorized service staff.

Discharge device

Equipped with a highly flexible hose made in EPDM rubber with an excellent resistance manufactured from selected synthetic materials complete with a pistol. The specially designed ergonomic patented pistol ensures a steady flow of powder with a very low drop in pressure.

Extinguishing agent

Dry chemical powder German is produced according to EN 615 and ISO 9000 quality control. The basic components of dry powder are ammonium phosphate and ammonium sulphate with special silicone additives enabling easy discharge and avoiding any caking process. Dry powder is non-corrosive, non-abrasive, and is non toxic for humans and animals.



Permanent stored pressure

Swivel coupling
 It allows easy unrolling of the hose avoiding twisting



ON REQUEST

Cod. 21038_2

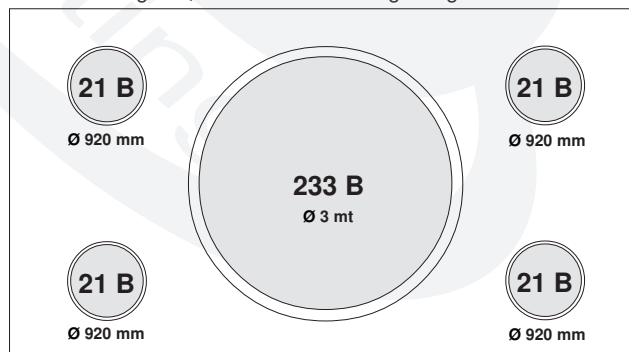


Advantages

- Very mobile and easy to operate
- Excellent quality, therefore a long operational lifetime
- Good ergonomy, easy to drive
- Extremely high ratings on A, B and C class fires (solid combustibles, liquid fuels and gases)
- Can be used at low temperatures (-30°C)
- Easy to service
- First in Europe in accordance with the new EN 1866 standards
- With CE approval
- Other dry powder types available (BC, Monnex)

- Test method and result -

The 233B tray has been used and four 21B trays have been installed alongside, as from the following design.



The propellant used has been heptane. Two fire tests have been performed, with extinction time of respectively 9 and 10 seconds; the test result was positive.

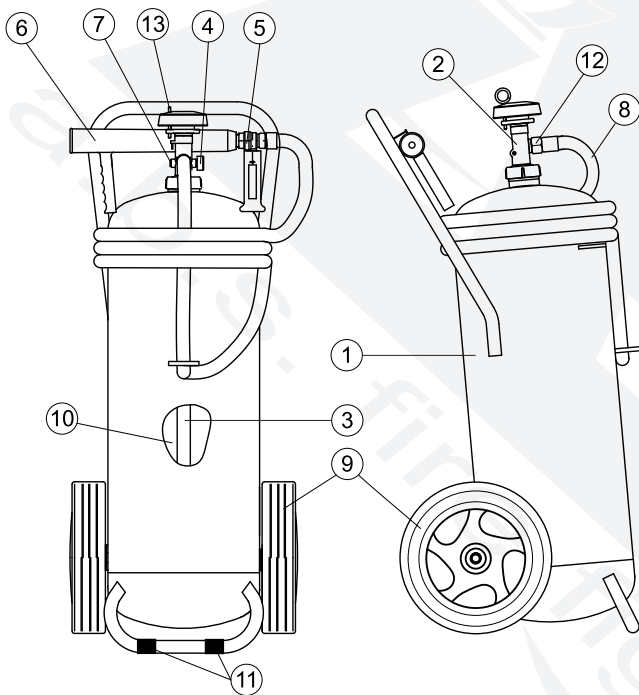
Classification obtained: - **EN 1866 - 233 IV B** - the highest.

Technical specifications

Cylinder "Ø" : **360 mm**
 Material : **DD12 UNI EN 10111**
 Operating pressure : **14 bar at 20°C**
 Test pressure according 97/23/EC : **30 bar**
 Burst pressure : **>55 bar**
 Temperature range : **-30°C +60°C**
 Extinguishing agent : **Powder MAP ABC 30**
 Propellant : **nitrogen or dry air**

Nominal charge : **100 Kg**
 Discharge time ~ : **99 sec**
 Jet lenght ~ : **12 m**
Dimensions
 Height ~ : **1290 mm**
 Width ~ : **540 mm**
 Depth ~ : **700 mm**
 Weight ~ : **140 kg**

Spare part list



Pos.	Description	Code	Q.ty
1	Cylinder (101 lt) on request Stainless steel	27002	1
2	Valve brass	21820	1
3	Siphon tube PVC	21708	1
4	Manometer M10x1 Ø 27 mm brass	21521	1
5	Turning valve brass 3/4"	66030	1
6	Discharge horn	21038	1
7	Safety device (in 3 pieces)	21083	1
8	Discharge hose L 5 mt	20649	1
	On request hose L 10 mt	20649_1	
9	Wheel Ø 300 mm	21931	2
10	Powder ABC MAP 30%	31230	100
11	Cap for protection foot cylinder	28073	2
12	Washer ring fibre 3/4" - 15,2x24x2	20021	1
13	Safety pin	21089	1

Detachable frame

No welding on the cylinder ensure better and higher safety.



Welded frame.

The axe and carrying handle are welded on the cylinder body.



The family **18181** include more than one type of version.
18181_1 - Detachable frame
In accordance with the Directive 96/98/EC by the SOLAS 74 convention, resolutions and circulars of the IMO, EN 1866-1:2007 on the Annex A.1/3.52 Directive 2008/67/CE of the certificate and Notified by CSI SpA - No 0497.

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.