

# EMME

ANTINCENDIO



**FIRE FIGHTING**






## INDEX

## INDEX

Portable Water/Foam extinguishers	Pag.11
Portable powder extinguishers	Pag.25
Portable carbon dioxide extinguishers	Pag.39
Portable clean agent extinguisher	Pag.44
Polished Fire extinguishers	Pag.45
Wheeled Foam Fire extinguishers	Pag.46
Wheeled Powder Fire extinguishers	Pag.50
Wheeled Special Powder Fire extinguishers	Pag. 54
Wheeled Carbon Dioxide Fire extinguishers	Pag.55
Twin agent devices	Pag.57
Sectioned cylinders	Pag.58
Gadget devices	Pag.58
Automatic ceiling devices	Pag.59
Localized shutdown systems	Pag.60
Extinguisher Boxes	Pag.65
Extinguisher stands	Pag.67
Wall brackets and supports	Pag.70
Extinguisher bases	Pag.71
Protective caps	Pag.71
Extinguisher valves	Pag.72
Accessories for maintenance	Pag.76
Fire-proof Blankets	Pag.82
Sandbring Bucket	Pag.82
Pressurization Cartridge	Pag.82
Cylinder frames	Pag.83
Spare charges for portable and wheeled extinguishers	Pag.84
High pressure cylinders	Pag.88
Accessories for extinguishers	Pag.89
Family 5	Pag.92
Machines	Pag.92

## FIRE RATING

## FIRE CLASSES

FIRE CLASSES		Extinguishing type			
		Powder	CO <sub>2</sub>	Water	Foam
Solid Materials		YES	NO	YES	YES
Liquid Materials		YES	YES	NO	YES
Gas		YES	NO	YES	NO
Metalworking		YES	NO	NO	NO
Vegetable or Animal Oils		NO	NO	NO	YES

For fires deriving from electrical material, the suitability of the device must be verified according to the dielectric test required by the EN 3 standard

Note  
The indications in the table are of a general nature: Make sure that the fire class for which the fire extinguisher is intended appears on the fire-fighting device.

1) Exclusively with a nebulized jet, do not use full jet water

2) For D class fires it is necessary to use special powders and work with specially trained personnel.



A stack of wood is placed on a special test platform to carry out the class A shutdown test. The stack of wood varies in length according to the fire class you want to achieve.



Designation of the test fire	Number of pieces of wood	Length of the test fire in meters
5 A	5	0,5
8 A	8	0,8
13 A	13	1,3
21 A	21	2,1
27 A	27	2,7
34 A	34	3,4
43 A	43	4,3
55 A	55	5,5

The maximum dimensions of the test platform by law are class 27 A, for the upper hearths the lower ones are taken and placed side by side. The Ministerial Decree of 3 August 2015 specifies that, for rooms with an area of less than 200 square meters, at least 2 fire extinguishers with a minimum capacity of 21 A must be installed (Premises subject to C.P.I.)



Ref. to nazionale


**FIRE RATING**




Class B platforms must be made in a series of circular trays of welded steel sheet, whose dimensions are indicated in the following table. The dishes must contain water covered with a layer of fuel in the proportions: 1/3 of water, 2/3 of fuel.



Designation of the test fire	Liquid volume (1/3 of water + 2/3 of fuel)	Approximate floor area (m2)	Minimum operating time
21 B	21	0,66	6
34 B	34	1,07	6
55 B	55	1,73	9
70 B	70	2,20	9
89 B	89	2,80	9
113 B	113	3,55	12
144 B	144	4,52	15
183 B	183	5,75	15
233 B	233	7,32	15

As reported in the D.M. 3 August 2015,  basic protection with class B extinguishers can be limited to compartments where this type of risk is present. In the case of compartments with an area of less than 200 square meters. with at least 2 class 144 B f. extinguishers.



According to the EN 2 standard, the suitability for class C is given only and exclusively for fire extinguishers with powder that have passed the A + B extinguishing test or only class B. Therefore, class C does not provide for extinguishing tests in the laboratory so as not to determine a specific fire category for this class. This fire class, as reported in the D.M. August 3 2015,  does not provide for any minimum requirement, as the safe extinguishing of a class C fire by occupants not specifically trained is carried out by closing the interception valve available nearby.



Class D, as well as for class C, does not require an extinguishing test in the laboratory, therefore it is not possible to determine the extinguishing capacity. The use of these fire extinguishers must be performed only by authorized and qualified personnel using 9 and/or 12 kg extinguishers with suitable extinguishing capacity. For this class of fire, please refer to the risk assessment of the specific process or activity as it is not possible to determine the minimum requirements for protection according to this fire class.

**FIRE RATING - EXTINGUISHING AGENTS**

Introduced in the En 3-7:2008 standard, class F refers to fires caused by the combustion of edible vegetable oils (cooking oils). A class F fire extinguisher must obtain a class F rating and may optionally have a class A rating and/or a class B rating. Portable fire extinguishers suitable for use against cooking oil fires must have class F extinguishing capacity. Extinguishers with powder and carbon dioxide should not be used for class F fires as their use is considered dangerous for this type of fires. For this reason, it is not possible to apply the class F pictogram on powder and carbon dioxide extinguishers.

## Powder

The powder agent consists of mixtures of chemical substances combined with sodium or potassium bicarbonate, monoammonium phosphate (MAP) and various additives. Powders can be divided into two main categories:

- Multi-purpose: suitable for extinguishing ABC fire classes.
- Bivalents: sodium or potassium bicarbonate-based powders specific for extinguishing BC fire classes or specific classes (fire class D).

The effects of the extinguishing powder transforming into water vapor are the following:

- Suffocation
- Cooling
- Shielding and fireproofing of unburned parts



## Sustainable Powder

With a view to environmental sustainability, Emme Antincendio, thanks to the collaboration of European partners, has undertaken a path to raise awareness and recover material in the fire prevention sector since 2020, integrating its product range with sustainable items. From the synergies developed, a newly developed ABC multipurpose powder was created starting from the exhausted multipurpose powder. Through a process certified and recognized at European level, an effective and environmentally friendly extinguishing powder was obtained through MILIEUKEUR certification.



**EXTINGUISHING AGENTS****CO<sub>2</sub>**

CO<sub>2</sub> is an inert, dielectric gas. Fire prevention legislation prescribes its installation near electrical panels. The effects of CO<sub>2</sub> in the extinguishing phase are the following:

- Suffocation (reduces the concentration of oxygen in the environment)
- Cooling (Delivery at a temperature of about -78C°)

The useful distance of the jet is about 2/3 meters.

**Water**

Water is the most common and widespread extinguishing substance and can be used on electrical equipment provided the dielectric test is passed as required by the EN 3/7 standard. The effects of the water during shutdown are as follows:

- Separation (separates oxygen from the combustible material)
- Cooling (lowering of the trigger point)

The National Fire Brigade mainly uses water to put out fires. The fire extinguisher is only suitable for fire class A. It can be installed in all activities not subject to C.p.i. , where a minimum extinguishing capacity is not required.

The water extinguisher is also recommended by the Minister of the Interior, Department of Fire Brigades, according to circular 11197 of 14 August 2018 , for activities of ascertaining the technical suitability of the workers responsible for implementing fire prevention measures, fire-fighting measures and emergency management in the workplace.



## EXTINGUISHING AGENTS

## Foam

The foam extinguishing agent is a water-based extinguishing agent with the addition of foaming additives mainly for class A and B or for fire extinguishers with specific use additives for class F. The effects of the foam in the extinguishing phase are as follows:

- Suffocation (suffocates the oxygen from the combustible material)
- Cooling (lowering of the trigger point)

The foam extinguisher is very versatile as there are numerous possibilities of use, internal and external, to protect electrical equipment (if considered suitable by special extinguishing tests). The low risk of intoxication and continuous visibility are the two main characteristics during the discharge phase. Each fire extinguisher has its own mixture of additives that characterize its performance and fire extinguishing classes. During maintenance, it is important to check the correct extinguishing agent to respect the technical performance characteristics of the extinguisher.



## Fluorine Free Foam



European regulations are imposing important changes to the use of potentially harmful substances for the environment around us and we are also about to face an important change in the firefighting sector. Regulations 1021/2019, 1907/2006 and 1000/2017 have imposed a series of restrictions on the use of chemical substances containing PFAS and PFOS (Fluorarates). The period of restrictions, already in force in some sectors, will also enter the fire prevention sector in the coming years and for this reason Emme Antaiuto has already introduced sustainable products on the market in compliance with all European regulations.

The fluorine-free foam present in fire extinguishers has a similar extinguishing power for both class A and class B. Thanks to the research carried out, all extinguishers can be used on live electrical equipment thanks to passing the dielectric test.



## Clean Agent

The extinguishing agent called Clean Agent, is an extinguishing agent that is based on a new generation of extinguishing material. Its formulation has a low environmental impact and is an alternative to Halons and HFCs, and is able to offer exceptional performance. At room temperature it occurs in liquid form, however it is applied as a gas and in both cases it has no electrical conductivity. Thanks to its chemical characteristics it is possible to pass from the liquid state to the gaseous state very quickly during the discharge through the dispensing nozzle. The extinguishing agent leaves no residue and I see its ideal use for many applications, including for everyday use, including: data processing centers, telecommunications, transport, medical facilities, cultural facilities, etc. The total absence of chlorine and bromine in the FK 5-1-12 fluid makes its ozone destruction potential equal to zero.



**CERTIFICATIONS**



CE logo: Product compliant with European directives for equipment under pressure according to PED 2014/68/EU directive. It is used throughout the EU.

Logo Bureau Veritas: Certification body competent for the control of the ISO9001 corporate quality process of our company.



European logo with reference standard, EN3/7 - EN1866: European reference standards for the certification of the indicated product.

CSI logo: Laboratory authorized to carry out fire extinguishing tests according to European directives.



MPA logo: Laboratory authorized to carry out fire extinguishing tests according to European directives.



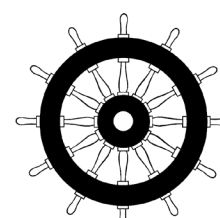
MTIC logo: Laboratory authorized to carry out fire extinguishing tests according to European directives.

Apragaz logo: Laboratory authorized to carry out fire extinguishing tests according to European directives.



Logo M.I.: Product approved according to the current legislation on the Italian national territory, recognized as a suitable fire extinguisher for the purposes of fire protection.

Logo "Wheelmark": product certified according to the MED 2014/90/EU directive, suitable for installation on recreational and superior craft. Certification in accordance with the IMO and SOLAS international conventions.





**CERTIFICATIONS**



In 2015, to improve and increase quality control and production, Emme Antincendio created a Product Specification with defined characteristics on a voluntary basis under the control of the certification body Bureau Veritas Italia spa. The certificate is based on the certification body's high standards and rules, control of the supply chain and the production of certified fire extinguishers thus ensuring a higher quality standard.

We have added another piece to the guarantee and quality of the products that we have been offering to all our customers for over 50 years.

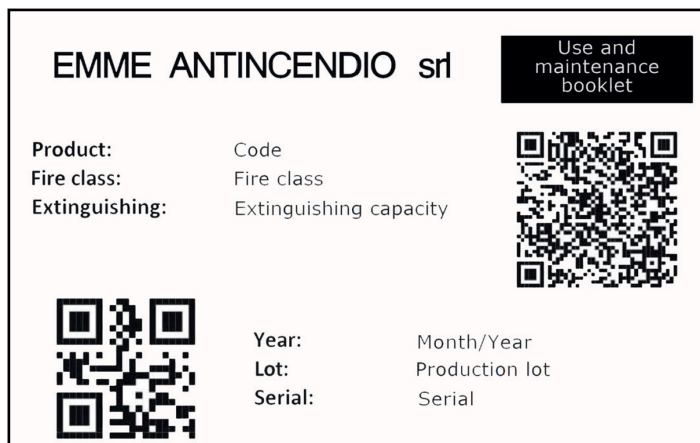
Over the last few years we have made continuous improvements to the production process, the company structure and the organization of our collaborators, managing to improve the service offered and maintain a consistently high quality standard of our production.

This is why we have reached an important milestone: all our portable fire extinguishers certified according to the EN 3 part 7 standard suitable for fire protection service on European territory, are now also certified according to the EN 3 part 10 standard, i.e. we have obtained the



**Factory Production Control System (FPC), certified by Bureau Veritas Italia according to the requirements of the UNI EN 3-10 standard.**

**THE EXTINGUISHER LABEL SAMPLE**



All fire-fighting devices and fire extinguishers are equipped with a new one adhesive label that allows you to have a trace of the certified product from its production. The new label, less invasive but more functional, is divided mainly into two sections: the upper part dedicated to the product information where the main data and the part will be shown lower where the data relating to the production of the single item are reported. In the upper part we have the product identification data, fire class and extinguishing capacity in text format. On the side there will be a QR Code which refers to the WEB page dedicated to the fire extinguisher model where the following are always available: use and maintenance manual, technical data sheet, product certification, ministerial approval.

In the lower part, however, the data relating to the production of the individual item is shown reporting the identification plate data such as month and year, batch and production serial number of the individual item where the adhesive label is shown. The data can be used for corporate management of products placed on the market through its own software tools operational. All generated QR Codes can be viewed by all devices computers on the market.

**EXPLANATORY DIAGRAM OF THE PRODUCT FEATURES INSIDE THE CATALOGUE**



**Device Type**

The QR-Code allows you to connect to the web page of the product in question with technical documentation

Code	Product id.
Fire rating	
Nominal charge	
Extinguishing	Type and indication
Overall weight	Expressed in kg
Cylinder diameter	Indicated in mm
Overall height	Indicated in mm
Temperature range	+5° C /+ 60° C
Valve	Material - Type
Support	Reference code



Here you will find the information note and the main characteristics and main technical information for the indicated product

The logos relating to the certifications of the product in question are shown on the foot

## PORTABLE WATER AND FOAM EXTINGUISHERS

Fire extinguishers made with a water-based extinguishing agent can contain only water, water with premixed foaming additives or water with foaming additives in cartridges. All our production involves the use of over 97% biodegradable foaming additives only, in their pure state, in a maximum period of 14 days. The whole range of water-based extinguishers allows easy refilling in any situation without the use of special machinery using pre-dosed bottles with pre-mixed nominal charge. The water/foam-based extinguishers allow you to have full control of the extinguishing agent during the discharge phase and always leave wide visibility to the operator during use.



## How do I recharge the extinguisher ?

### INSTRUCTIONS WITH PREMIXED BOTTLE

1. TAKE OFF THE PRESSURE



2. UNSCREW THE VALVE



3. EMPTY THE EXTINGUISHER



4. TAKE THE REFILL BOTTLE AND FILL THE EXTINGUISHER



5. REFIT THE VALVE AND PRESSURIZE



Note : dispose the old extinguishing agent comply to the rules in force

### INSTRUCTIONS WITH CONCENTRATED BOTTLE

1. TAKE OFF THE PRESSURE



2. UNSCREW THE VALVE



3. EMPTY THE EXTINGUISHER



4. FILL THE EXTINGUISHER WITH AMOUNT OF WATER INDICATED ON THE REFILL BOTTLE LABEL



+



5. TAKE THE REFILL BOTTLE AND FILL THE EXTINGUISHER

6. REFIT THE VALVE AND PRESSURIZE



Note : dispose the old extinguishing agent comply to the rules in force

It is recommended to always follow the instructions given in the use and maintenance manual issued by the manufacturer and follow current legislation. N.B.

Carry out maintenance in accordance with the regulations of the country in which the fire extinguisher is used.

**PORTABLE WATER AND FOAM EXTINGUISHERS**



**2 L FOAM EXTINGUISHER**

Code	22020-1
Fire rating	8A - 55B - 25F
Nominal charge	2 liters
Extinguishing agent	Premix MG6-30
Overall weight	~ 4,2 Kg
Cylinder diameter	110 +/-2 mm
Overall height	380 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass

Bracket Included



8



55



25



Suitable to use on fire involving electrical voltages up to 1000 V



Frost Resistance (up to -30°C)

Ergonomic handle



Iron wire bracket with stainless steel band

Water-based extinguisher with premixed extinguishing agent capable of withstanding low temperatures up to -30 °C. The extinguisher has a steel cylinder with inside plastification treatment and is equipped with a nebulizer dispensing nozzle. Suitable for uses with fires deriving from cooking oils.



Ideal for installations on vehicles and small spaces.



**2 L FOAM EXTINGUISHER**

Code	22021
Fire rating	13A - 55B - 25F
Nominal charge	2liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 3,9 Kg
Cylinder diameter	110 +/-2 mm
Overall height	380 +/-5 mm
Temperature range	0° C /+ 60° C
Valve	Nickel-plated brass

Bracket Included



13



55



25



Suitable to use on fire involving electrical voltages up to 1000 V

Ergonomic handle

Extinguishing agent with biodegradable additive more than 90% in 7 days



Iron wire bracket with stainless steel band



version with MED certificate : code 27021

**PORTABLE WATER AND FOAM EXTINGUISHERS**



**3 L FOAM EXTINGUISHER**

Code	22031-1
Fire rating	13A - 113B - 40F
Nominal charge	3 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 4,8 Kg
Cylinder diameter	130 +/-2 mm
Overall height	445 +/-5 mm
Temperature range	0° C /+ 60° C
Valve	Aluminum
Bracket	Optional 0313 - 3036

Water-based extinguisher with premixed extinguishing agent. The extinguisher has a stainless steel cylinder and one aluminum valve with rotative external ring for allow a perfect alignment of label at moment of maintenance. Suitable for uses with fires deriving from cooking oils.



13



113



40

Suitable to use on fire involving electrical voltages up to 1000 V



Cylinder with clip



M.58

Extinguishing agent with biodegradable additive more than 90% in 7 days



**6 L FOAM EXTINGUISHER**

Code	22062-1
Fire rating	21A - 183B
Nominal charge	6 liters
Extinguishing agent	Water + SC-6
Overall weight	~ 9,6 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	+5° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036

Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. Ideal for installation on board lorries or vehicles used for the transport of people.



21



183

Suitable to use on fire involving electrical voltages up to 1000 V



Cylinder with clip



NEW

Extinguishing agent with biodegradable additive more than 90% in 7 days



**PORTABLE WATER AND FOAM EXTINGUISHERS**



**6 L FOAM EXTINGUISHER**

Code	22062-2
Fire rating	21A - 183B - 40F
Nominal charge	6 liters
Extinguishing agent	Water + SC-6
Overall weight	~ 9,6 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	+5° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



21



183



40



Suitable to use on fire involving electrical voltages up to 1000 V

Cylinder with clip



Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. Ideal for installation on board lorries or vehicles used for the transport of people.



Extinguishing agent with biodegradable additive more than 90% in 7 days



**PORTABLE WATER AND FOAM EXTINGUISHERS**



**6 L FOAM EXTINGUISHER**

Code	22066-2
Fire rating	27A - 233B - 40F
Nominal charge	6 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 9,6 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	540 +/- 5 mm
Temperature range	0° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



27



233



40

Extinguishing agent with biodegradable additive more than 90% in 7 days



Suitable to use on fire involving electrical voltages up to 1000 V

Cylinder with clip



Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. Suitable for uses with fires deriving from cooking oils.



**6 L FOAM EXTINGUISHER**

Code	22066-4
Fire rating	27A - 233B - 40F
Nominal charge	6 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 8,4 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	530 +/- 5 mm
Temperature range	0° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



27



233



40

Extinguishing agent with biodegradable additive more than 90% in 7 days



Suitable to use on fire involving electrical voltages up to 1000 V

Water-based extinguisher with premixed extinguishing agent. The extinguisher has a stainless steel cylinder. Suitable for uses with fires deriving from cooking oils.



PORTABLE WATER AND FOAM EXTINGUISHERS

**Lith-M**

Suitable to Lithium Battery with capacity:

**36 v 750 Wh 20,1 Ah**



Suitable to use on fire involving electrical voltages up to 1000 V, at a minimum distance of 1 meter.



Cylinder with clip (only 22066-25)



Specific Accessories

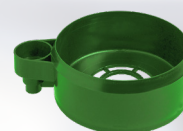
Sign

code CAR1029



Base

code 1862-81



Box

code 2295



Cover

code 0401V

**6 L FOAM EXTINGUISHER FOR LITHIUM BATTERY**



Code	22066-25	22066-45
Cylinder	Steel alloy, with inside plastification	Stainless Steel AISI 304
Nominal charge	6 liters	
Extinguishing agent	Lith-M 10	
Overall weight	~ 9,6 Kg	~ 8,6 Kg
Cylinder diameter	160 +/-2 mm	
Overall height	540 +/-5 mm	530 +/-5 mm
Temperature range	0° C /+ 60° C	
Valve	Nickel-plated brass	

Fire rating



27



233



40





**PORTABLE WATER AND FOAM EXTINGUISHERS**



**6 L FOAM EXTINGUISHER**

Code	22063
Fire rating	34A - 233B - 75F
Nominal charge	6 liters
Extinguishing agent	Premix MG6-30
Overall weight	~ 10,4 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



**34**



**233**



**75**

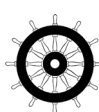


Suitable to use on fire involving electrical voltages up to 1000 V

Cylinder with clip



Water-based extinguisher with premixed extinguishing agent capable of withstanding low temperatures up to -30 ° C. The extinguisher has a steel cylinder with inside plastification treatment. Ideal for installation on board lorries or vehicles used for the transport of people.



**Frost Resistance**  
(up to -30°C)



**6 L FOAM EXTINGUISHER**

Code	22063-1
Fire rating	34A - 233B - 75F
Nominal charge	6 liters
Extinguishing agent	Premix MG6-30
Overall weight	~ 9,5 Kg
Cylinder diameter	160 +/-2 mm
Overall height	530 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



**34**



**233**



**75**



Suitable to use on fire involving electrical voltages up to 1000 V



**Frost Resistance**  
(up to -30°C)

Water-based extinguisher with premixed extinguishing agent capable of withstanding low temperatures up to -30 ° C. The extinguisher has a stainless steel cylinder. Ideal for installation on board lorries or vehicles used for the transport of people.



**PORTABLE WATER AND FOAM EXTINGUISHERS**

**6 l Portable Extinguisher  
FLUORINE FREE  
FOAM**

Carbon  
Steel  
Cylinder



22066-91

Stainless  
Steel  
Cylinder



22066-94



THE EXTINGUISHING AGENT IS 100% FREE FROM CHEMICAL SUBSTANCES PFOS, PFAS E PFOA



Foam compliant with European regulations 2006/1907 (REACH) - PFOA restrictions 2017/1000 - edit at REACH restrictions 2019/1021 - edit at PFOS restrictions and derivatives



NOZZLE WITH INNOVATIVE TECHNOLOGY allows the formation of large quantities of foam for a better extinguishing power



ABF fire rating: Suitable for uses with fires deriving from cooking oils



ENVIRONMENTAL FRIENDLY The foam used is eco-sustainable and easily biodegradable

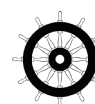


Suitable to use on fire involving electrical voltages up to 1000 V, at a minimum distance of 1 meter.

CAREFULLY FORMULATED TO HAVE A MINIMAL IMPACT ON THE ENVIRONMENT

Code	Nominal charge	Overall weight	Cylinder diameter	Overall height	Temperature range	Valve	Bracket
22066-91	6 liters	~ 10,0 Kg	160 +/- 2 mm	540 +/- 5 mm	+5° C / + 60° C	Nickel-plated brass	Optional 0313-3036
22066-94		~ 8,8 Kg		530 +/- 5 mm			Optional 0313

Fire Rating



**PORTABLE WATER AND FOAM EXTINGUISHERS**

**Lith-M**  
**FLUORINE FREE  
FOAM**

Suitable to Lithium  
Battery with capacity:

**36 v 750 Wh 20,1 Ah**



Suitable to use on fire involving  
electrical voltages up to 1000 V,  
at a minimum distance of 1 meter.



**Specific Accessories**

**Sign**  
code CAR1029



**Base**  
code 1862-81



**Box**  
code 2295



**Cover**  
code 0401V

**6 l FOAM EXTINGUISHER  
FOR LITHIUM BATTERY**



Cylinder with clip  
(only 22066-915)



Code	22066-915	22066-945
Cylinder	Steel alloy, with inside plastification	Stainless Steel AISI 304
Nominal charge	6 liters	
Extinguishing agent	Lith-M FX (fluorine free)	
Overall weight	~ 10,0 Kg	~ 8,8 Kg
Cylinder diameter	160 +/- 2 mm	
Overall height	540 +/- 5 mm	530 +/- 5 mm
Temperature range	+5° C / + 60° C	
Valve	Nickel-plated brass	

Fire  
rating



27



144



25

EN 3-10  
Inspection Certificate  
N° 55840/21/NMJ/nmj



D.M. 7 Gennaio 2005



**PORTABLE WATER AND FOAM EXTINGUISHERS**



**6 L FOAM EXTINGUISHER**

Code	22064-40
Fire rating	43A - 233B - 40F
Nominal charge	6 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 8,7 Kg
Cylinder diameter	160 +/-2 mm
Overall height	550 +/-5 mm
Temperature range	+5° C /+ 60° C
Valve	Aluminum
Bracket	Optional 0313 - 3036



**43**



**233**



**40**



Suitable to use on fire involving electrical voltages up to 1000 V

Cylinder with clip



Water-based extinguisher with premixed extinguishing agent. The extinguisher has a stainless steel cylinder and one aluminum valve with rotative external ring for allow a perfect alignment of label at moment of maintenance. Suitable for uses with fires deriving from cooking oils.

Extinguishing agent with biodegradable additive more than 90% in 7 days



**6 L FOAM EXTINGUISHER**

Code	22062-4
Fire rating	21A - 183B
Nominal charge	6 liters
Extinguishing agent	Premix MG6-30
Overall weight	~ 10,40 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



**21**



**183**



Suitable to use on fire involving electrical voltages up to 1000 V



Frost Resistance (up to -30°C)



Water-based extinguisher with premixed extinguishing agent capable of withstanding low temperatures up to -30 °C. The extinguisher has a steel cylinder with inside plastification treatment and is equipped with a nebulizer dispensing nozzle high performance. Ideal for installation on board lorries or vehicles used for the transport of people.



Cylinder with clip

**PORTABLE WATER AND FOAM EXTINGUISHERS**



**6 L FOAM EXTINGUISHER**

Code	22064
Fire rating	43A - 233B - 75F
Nominal charge	6 liters
Extinguishing agent	EWAB1
Overall weight	~ 9,65 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	540 +/- 5 mm
Temperature range	+5° C /+ 60° C
Valve	Brass - anticorrosion
Bracket	Optional 0313 - 3036

Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. The valve body have a special treatment for a best resistance at the corrosion. Suitable for uses with fires deriving from cooking oils.



**6 L FOAM EXTINGUISHER**

Code	22064-1
Fire rating	43A - 233B - 75F
Nominal charge	6 liters
Extinguishing agent	EWAB1
Overall weight	~ 8,8 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	530 +/- 5 mm
Temperature range	+5° C /+ 60° C
Valve	Ottone - Anti corrosione
Bracket	Optional 0313

Water-based extinguisher with premixed extinguishing agent. The extinguisher has a stainless steel cylinder. The valve body have a special treatment for a best resistance at the corrosion. Suitable for uses with fires deriving from cooking oils.



**43**



**233**



**75**

**ANTI CORROSION VALVE**



Suitable to use on fire involving electrical voltages up to 1000 V

Cylinder with clip



**ANTI CORROSION VALVE**



Suitable to use on fire involving electrical voltages up to 1000 V



**PORTABLE WATER EXTINGUISHERS (only H<sub>2</sub>O)**



Suitable to use on fire involving electrical voltages up to 1000 V

**Extinguishers with only H<sub>2</sub>O with osmosis treatment**

Fire extinguishers containing only water. **100% biodegradable.**  
Made with Cylinder in carbon steel with internal plastification treatment.  
Easy to use and with limited consequences even if used by untrained personnel.  
Ideal for closed environments and where there is only fire risk from solid materials.



Water treated by osmosis through our dedicated system. The treatment allows the removal of traces of phosphates, calcium and heavy metals, pesticides and polluting molecules present. Furthermore, thanks to desalination it lowers the magnetic conductivity of the water itself which, combined with the dispensing nozzle, makes the extinguisher dielectric and safe in all circumstances of use.

**6 L WATER EXTINGUISHER**



Cylinder material	Carbon Steel	Stainless Steel
Code	22061-11	22061-21 <small>INOX STAINLESS STEEL</small>
Fire rating	13A	
Nominal charge	6 liters	
Overall weight	~ 9,6 Kg	~ 8,4 Kg
Cylinder diameter	160 +/-2 mm	
Overall height	540 +/-5 mm	530 +/-5 mm
Temperature range	+5° C / + 60° C	
Valve	Nickel-plated brass	
Bracket	Optional 0313 - 3036	Optional 0313



**13**

Cylinder with clip on 22061-11



Ideal for installaion on board of lorries an vehicles used for the transport of people.



\*22061-11 photo



**9 L WATER EXTINGUISHER**

Code	22092-1
Fire rating	21A
Nominal charge	9 liters
Overall weight	~ 14 Kg
Cylinder diameter	170 +/-2 mm
Overall height	635 +/-5 mm
Temperature range	+5° C / + 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



**21**

Cylinder with clip



**PORTABLE WATER AND FOAM EXTINGUISHERS**



**9 L FOAM EXTINGUISHER**

Code	22094
Fire rating	43A - 233B - 40F
Nominal charge	9 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 14 Kg
Cylinder diameter	170 +/- 2 mm
Overall height	635 +/- 5 mm
Temperature range	+0° C / + 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



**43**



**233**



**40**

Extinguishing agent with biodegradable additive more than 90% in 7 days



Suitable to use on fire involving electrical voltages up to 1000 V

Cylinder with clip



Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. Suitable for uses with fires deriving from cooking oils.



**9 L FOAM EXTINGUISHER**

Code	22092-5
Fire rating	21A - 183B
Nominal charge	9 liters
Extinguishing agent	Premix MG6-30
Overall weight	~ 15,1 Kg
Cylinder diameter	170 +/- 2 mm
Overall height	635 +/- 5 mm
Temperature range	-30° C / + 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313-3036



**21**



**183**



Suitable to use on fire involving electrical voltages up to 1000 V



Frost Resistance (up to -30° C)

Cylinder with clip



Water-based extinguisher with premixed extinguishing agent capable of withstanding low temperatures up to -30° C. The extinguisher has a steel cylinder with inside plastification treatment.



**PORTABLE WATER AND FOAM EXTINGUISHERS**



**6 L FOAM EXTINGUISHER**

Code	32063-1
Fire rating	34A - 233B
Nominal charge	6 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 10,6 Kg
Cylinder diameter	162 +/- 2 mm
Overall height	525 +/- 5 mm
Temperature range	+5° C / + 60° C
Valve	Aluminum
Bracket	3036 (included)



34



233

Suitable to use on fire involving electrical voltages up to 1000 V

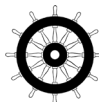
Cylinder with clip



Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. Pressurized cartridge operated.



version with MED certificate : code 33063-1



**Extinguisher pressurized at moment of use with 55 gr CO<sub>2</sub> cartridge inside**



**9 L FOAM EXTINGUISHER**

Code	32094-1
Fire rating	43A - 233B
Nominal charge	9 liters
Extinguishing agent	Water + SC-6 + Inilam AX
Overall weight	~ 14,8 Kg
Cylinder diameter	182 +/- 2 mm
Overall height	580 +/- 5 mm
Temperature range	+5° C / + 60° C
Valve	Aluminum
Bracket	3036 (included)



43



233

Suitable to use on fire involving electrical voltages up to 1000 V

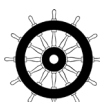
Cylinder with clip



Water-based extinguisher with premixed extinguishing agent. The extinguisher has a steel cylinder with inside plastification treatment. Pressurized cartridge operated.



version with MED certificate : code 33094-1



**Extinguisher pressurized at moment of use with 75 gr CO<sub>2</sub> cartridge inside**



## PORTABLE POWDER EXTINGUISHERS

Fire extinguishers charged with powder extinguishing agent are the most widespread extinguishers. The powders can be distinguished mainly in polyvalent powders, suitable for class A, B and C extinguishing, and bivalent powders, suitable for class B and C or class D extinguishing. The polyvalent powders are based on monoammonium phosphate while the bivalent powders are based on bicarbonates.

**When used indoors, the use of powder extinguishers generates a sudden reduction in visibility which could compromise the orientation of the occupants during an emergency exodus or other safety measures. Furthermore, the dust could cause irritation on the skin and on the mucous membranes of the occupants.**



**PORTABLE POWDER EXTINGUISHERS**



**1 kg POWDER EXTINGUISHER**

Code	21010-1
Fire rating	8A - 34B - C
Nominal charge	1 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 2,1 Kg
Cylinder diameter	85 +/-2 mm
Overall height	338 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Included



8



34



ABC polyvalent powder extinguisher, with iron wire bracket. Deep drawing carbon steel cylinder. Ideal for installation on vehicles and boats.



Ergonomic handle



Iron wire bracket with stainless steel band

Ergonomic handle



Iron wire bracket with stainless steel band



**2 kg POWDER EXTINGUISHER**

Code	21021-1
Fire rating	13A - 89B - C
Nominal charge	2 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 3,7 Kg
Cylinder diameter	110 +/-2 mm
Overall height	380 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Included



13



89



ABC polyvalent powder extinguisher, with iron wire bracket. Deep drawing carbon steel cylinder. Ideal for installation on vehicles and boats.



**PORTABLE POWDER EXTINGUISHERS**



**3 kg POWDER EXTINGUISHER**

Code	21031-1
Fire rating	13A - 113B - C
Nominal charge	3 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 5,3 Kg
Cylinder diameter	130 +/-2 mm
Overall height	460 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Aluminum
Bracket	Optional 0313



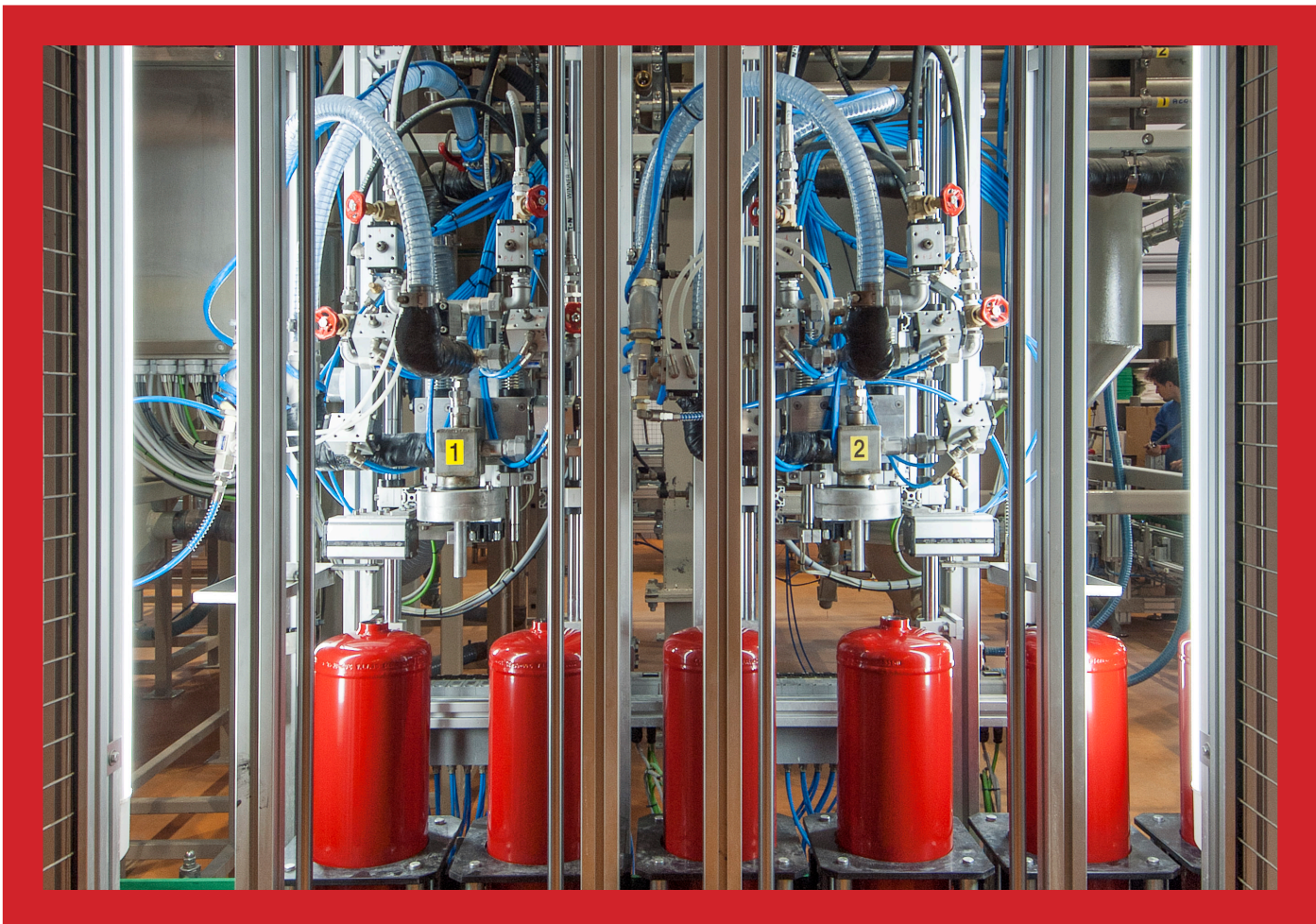
**13**



**113**



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Deep drawing carbon steel cylinder.



**PORTABLE POWDER EXTINGUISHERS**



**4 kg POWDER EXTINGUISHER**

Code	21042-1
Fire rating	21A - 183B - C
Nominal charge	4 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 6,3 Kg
Cylinder diameter	130 +/-2 mm
Overall height	460 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Aluminum
Bracket	Optional 0313



21



183



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Deep drawing carbon steel cylinder.



**6 kg POWDER EXTINGUISHER**

Code	21063
Fire rating	34A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 40%
Overall weight	~ 9,4 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



34



233



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Deep drawing carbon steel cylinder.



**PORTABLE POWDER EXTINGUISHERS**



**6 kg POWDER EXTINGUISHER**

Code	21063-55
Fire rating	34A - 233B - C
Nominal charge	6 Kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,4 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



**34**



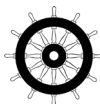
**233**



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Deep drawing carbon steel cylinder.



MPA  
Dresden



**6 kg POWDER EXTINGUISHER**

Code	21063-50
Fire rating	34A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,5 Kg
Cylinder diameter	160 +/-2 mm
Overall height	510 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



**34**



**233**



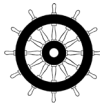
for cylinder with clip  
code 21063-50E



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Three-pieces drawing carbon steel cylinder.



MPA  
Dresden



**PORTABLE POWDER EXTINGUISHERS**



**6 kg POWDER EXTINGUISHER**

Code	21063-51
Fire rating	34A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,4 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	510 +/- 5 mm
Temperature range	-30° C / + 60° C
Valve	Aluminum
Bracket	Optional 0313 - 3036



**34**



**233**



for cylinder with clip code 21063-51E



on demand :



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Three-pieces drawing carbon steel cylinder.



**6 kg POWDER EXTINGUISHER**

Code	21063-54
Fire rating	34A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,55 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	510 +/- 5 mm
Temperature range	-30° C / + 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



**34**



**233**



CPF Valve

ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Three-pieces drawing carbon steel cylinder.



**PORTABLE POWDER EXTINGUISHERS**



**100% SUSTAINABLE POWDER**

To reach zero climate impact in Europe within 2050



Extinguisher made with regenerated and certified ABC powder map 30%, 100% sustainable



**DIELECTRIC**

Suitable to use on fire involving electrical voltages up to 1000 V, at a minimum distance of 1 meter



**Fire Rating**



34



233



**21063-500**

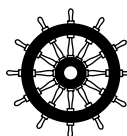
3 pieces Cylinder , brass valve

**21063-510**

3 pieces Cylinder , aluminum valve



This powder has achieved certification by Milieukeur as eco-friendly product in accordance of European Green Deal



**21063-540**

3 pieces Cylinder , CPF brass valve

**21063-550**

Deep drawing Cylinder , brass valve



**PORTABLE POWDER EXTINGUISHERS**



**6 kg POWDER EXTINGUISHER**

Code	24063-3
Fire rating	34A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 10,5 Kg
Cylinder diameter	152 +/-2 mm
Overall height	530 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Aluminum
Bracket	3036 (included)



**34**



**233**



Cylinder with clip



**Extinguisher pressurized at moment of use with 150 gr CO<sub>2</sub> cartridge inside**

ABC polyvalent powder extinguisher, pressurized cartridge operated. This type of pressurization allow a continuity during the dispensing of jet with the control by pistol on the hose. Three-pieces drawing carbon steel cylinder.



**6 kg POWDER EXTINGUISHER**

Code	21064-2
Fire rating	43A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,4 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



**43**



**233**



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle. Deep drawing carbon steel cylinder.





**PORTABLE POWDER EXTINGUISHERS**



**6 kg POWDER EXTINGUISHER**

Code	21064-4
Fire rating	43A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,5 Kg
Cylinder diameter	160 +/-2 mm
Overall height	510 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



**43**



**233**



for cylinder with clip code 21064-7



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Three-pieces drawing carbon steel cylinder.



**6 kg POWDER EXTINGUISHER**

Code	21065-3
Fire rating	55A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 9,4 Kg
Cylinder diameter	160 +/-2 mm
Overall height	540 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



**55**



**233**



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Deep drawing carbon steel cylinder.



**PORTABLE POWDER EXTINGUISHERS**



**6 kg POWDER EXTINGUISHER**

Code	21065-32
Fire rating	55A - 233B - C
Nominal charge	6 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 8,7 Kg
Cylinder diameter	160 +/-2 mm
Overall height	530 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Brass
Bracket	Optional 0323



55



233



ABC polyvalent powder extinguisher, with dispensing hose in EPDM with brass nozzle. Stainless steel cylinder. The sensitive components have been replaced with brass and/or stainless steel with low magnetic conductivity.



**9 kg POWDER EXTINGUISHER**

Code	21095-4
Fire rating	55A - 233B - C
Nominal charge	9 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 14,0 Kg
Cylinder diameter	170 +/-2 mm
Overall height	635 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



55



233



Cylinder with clip



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle. Three-pieces drawing carbon steel cylinder.



**PORTABLE POWDER EXTINGUISHERS**



**9 kg POWDER EXTINGUISHER**

Code	21095-7
Fire rating	55A - 233B - C
Nominal charge	9 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 13,9 Kg
Cylinder diameter	170 +/- 2 mm
Overall height	635 +/- 5 mm
Temperature range	-30° C / + 60° C
Valve	Aluminum
Bracket	Optional 0313 - 3036



**55**



**233**



Cylinder with clip



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle. Three-pieces drawing carbon steel cylinder.



**FIRE FIGHTING**



**9 kg POWDER EXTINGUISHER**

Code	24095
Fire rating	55A - 233B - C
Nominal charge	9 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 15,0 Kg
Cylinder diameter	182 +/- 2 mm
Overall height	545 +/- 5 mm
Temperature range	-30° C / + 60° C
Valve	Aluminum
Bracket	3036 (included)



**55**



**233**



Cylinder with clip



ABC polyvalent powder extinguisher, pressurized cartridge operated. This type of pressurization allow a continuity during the dispensing of jet with the control by pistol on the hose. Three-pieces drawing carbon steel cylinder.



**Extinguisher pressurized at moment of use with 200 gr CO<sub>2</sub> cartridge inside**



**PORTABLE POWDER EXTINGUISHERS**



**12 kg POWDER EXTINGUISHER**

Code	21125-2
Fire rating	55A - 233B - C
Nominal charge	12 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 17,7 Kg
Cylinder diameter	190 +/-2 mm
Overall height	610 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313 - 3036



55



233



Cylinder with clip



ABC polyvalent powder extinguisher, with dispensing hose in EPDM and steel nozzle.  
Three-pieces drawing carbon steel cylinder.



**12 kg POWDER EXTINGUISHER**

Code	24125
Fire rating	55A - 233B - C
Nominal charge	12 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 18,7 Kg
Cylinder diameter	182 +/-2 mm
Overall height	625 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Aluminum
Bracket	3036 (included)



55



233



Cylinder with clip



ABC polyvalent powder extinguisher, pressurized cartridge operated. This type of pressurization allow a continuity during the dispensing of jet with the control by pistol on the hose.  
Three-pieces drawing carbon steel cylinder.



Extinguisher pressurized at moment of use with 225 gr CO<sub>2</sub> cartridge inside

**PORTABLE SPECIAL POWDER EXTINGUISHERS**



**D POWDER EXTINGUISHERS**

These devices use a special powder effective on fires derived from metals (class D) and they are therefore ideal in all those environments with presence of fire risk from metals.



Equipped with : metal hose-extension, hose with comfortable handle, specific high-efficiency cone, valve with nickel-plated brass body.



9 and 12 Kg  
Cylinder with clip



**6 kg  
EXTINGUISHER**

Code	25069
Nominal charge	6 kg
Overall weight	~ 10,0 Kg
Cylinder diameter	160 +/-2 mm
Overall height	510 +/-5 mm
Temperature range	-30° C /+ 60° C
Bracket	Optional 0313



**9 kg  
EXTINGUISHER**

Code	25099
Nominal charge	9 kg
Overall weight	~ 14,5 Kg
Cylinder diameter	170 +/-2 mm
Overall height	635 +/-5 mm
Temperature range	-30° C /+ 60° C
Bracket	Optional 0313 - 3036

**12 kg  
EXTINGUISHER**



Code	25129
Nominal charge	12 kg
Overall weight	~ 18,1 Kg
Cylinder diameter	190 +/-2 mm
Overall height	610 +/-5 mm
Temperature range	-30° C /+ 60° C
Bracket	Optional 0313 - 3036

**PORTABLE SPECIAL POWDER EXTINGUISHERS**

**POTASSIUM BICARBONATE  
POWDER EXTINGUISHER**



- Pressurized cartridge operated extinguisher. This type of pressurization allow a continuity during the dispensing of jet with the control by pistol on the hose.
- Three-pieces drawing carbon steel cylinder. Cylinder equipped with plastic base.
- Aluminum valve M.74, with handle
- Special bracket for clip included



**6 kg  
EXTINGUISHER**

Code	25064
Nominal charge	6 kg
Overall weight	~ 10,5Kg
Cylinder diameter	152 +/-2 mm
Overall height	530 +/-5 mm
Temperature range	-30° C /+ 60° C
CO2 Pressurization charge	150 gr



All models have cylinder with clip



**9 kg  
EXTINGUISHER**

Code	25094
Nominal charge	9 kg
Overall weight	~ 15,0 Kg
Cylinder diameter	182 +/-2 mm
Overall height	545 +/-5 mm
Temperature range	-30° C /+ 60° C
CO2 Pressurization charge	200 gr



**12 kg  
EXTINGUISHER**

Code	25124
Nominal charge	12 kg
Overall weight	~ 18,7 Kg
Cylinder diameter	182 +/-2 mm
Overall height	625 +/-5 mm
Temperature range	-30° C /+ 60° C
CO2 Pressurization charge	225 gr

## PORTABLE CARBON DIOXIDE EXTINGUISHERS

Fire extinguishers made with carbon dioxide extinguishing agent are commonly called Co2 extinguishers. Carbon dioxide is a dielectric inert gas, it is loaded into a container in the liquid state under its own pressure. Its effects on the fire are suffocation and cooling. When the fire extinguisher is activated, it transforms the carbon dioxide from the liquid state to the gaseous state upon contact with the atmosphere, the sudden drop in temperature ( $-78^{\circ}\text{C}$ ) and the strong subtraction of oxygen, allows the flames to be knocked down quickly without leaving residues. However, Co2 extinguishers have a reduced effectiveness outdoors, limited range and are not effective on class A fires. They require care during use to avoid being asphyxiated due to oxygen deficiency or getting burned by thermal shock.



**PORTABLE CARBON DIOXIDE EXTINGUISHERS**



**2 kg CO<sub>2</sub> EXTINGUISHER**

Code	23020-74
Fire rating	34B
Nominal charge	2 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 6,35 Kg
Cylinder diameter	104 +/-2 mm
Overall height	555 +/-10 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



34



**Steel Cylinder**

Carbon dioxide fire extinguisher, made with die-cast steel cylinder. Equipped with a dispensing cone without front grid.



**2 kg CO<sub>2</sub> EXTINGUISHER**

Code	23020-8
Fire rating	34B
Nominal charge	2 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 5,1 Kg
Cylinder diameter	117 +/-2 mm
Overall height	505 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



34



**Aluminum Cylinder**

Carbon dioxide fire extinguisher, made with aluminum cylinder, more light and handy than a steel cylinder. Equipped with a dispensing cone without front grid.





**PORTABLE CARBON DIOXIDE EXTINGUISHERS**



**5 kg CO<sub>2</sub> EXTINGUISHER**

Code	23020-9
Fire rating	34B
Nominal charge	2 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 5,1 Kg
Cylinder diameter	117 +/-2 mm
Overall height	505 +/-10 mm
Temperature range	-30° C /+ 60° C
Valve	Brass - Stainless steel levers

Bracket Optional 0323 (pvc)

Carbon dioxide fire extinguisher, made with aluminum cylinder. Designed for installation in medical and hospital facilities in attendance of magnetic resonance equipment for diagnostic use. The sensitive components have been replaced with brass and/or aluminum with low magnetic conductivity. Equipped with a dispensing cone without front grid.



**34**



**Aluminum Cylinder**



**5 kg CO<sub>2</sub> EXTINGUISHER**

Code	23058-2
Fire rating	89B
Nominal charge	5 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 12,3 Kg
Cylinder diameter	152 +/-2 mm
Overall height	670 +/-5 mm
Temperature range	-30° C /+ 60° C
Valve	Brass - Stainless steel levers

Bracket Optional 0323 (pvc)

Carbon dioxide fire extinguisher, made with aluminum cylinder. Designed for installation in medical and hospital facilities in attendance of magnetic resonance equipment for diagnostic use. The sensitive components have been replaced with brass and/or aluminum with low magnetic conductivity. The dispensing cone with a narrow and elongated design allows for better control of dispensing and greater effectiveness and safety on the part of the operator.



**89**



**Aluminum Cylinder**



**PORTABLE CARBON DIOXIDE EXTINGUISHERS**



**5 kg CO<sub>2</sub> EXTINGUISHER**

Code	23058-3
Fire rating	89B
Nominal charge	5 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 14,1 Kg
Cylinder diameter	136 +/-2 mm
Overall height	750 +/-10 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



89



Steel Cylinder

Carbon dioxide fire extinguisher, made with die-cast steel cylinder. The dispensing cone with a narrow and elongated design allows for better control of dispensing and greater effectiveness and safety on the part of the operator.



**5 kg CO<sub>2</sub> EXTINGUISHER**

Code	23058-72
Fire rating	89B
Nominal charge	5 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 13,65 Kg
Cylinder diameter	136 +/-2 mm
Overall height	740 +/-10 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313



89



Steel Cylinder

Carbon dioxide fire extinguisher, made with die-cast steel cylinder. With compact dispensing cone.



**PORTABLE CARBON DIOXIDE EXTINGUISHERS**



**5 kg CO<sub>2</sub> EXTINGUISHER**

Code	23052-1
Fire rating	113B
Nominal charge	5 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 12 Kg
Cylinder diameter	152 +/-2 mm
Overall height	670 +/-5 mm
Temperature range	-20° C /+ 60° C
Valve	Nickel-plated brass
Bracket	Optional 0313

Carbon dioxide fire extinguisher, made with aluminum cylinder, more light and handy than a steel cylinder. With compact dispensing cone.



**113**



**Aluminum Cylinder**



CLEAN AGENT PORTABLE EXTINGUISHER



Portable Extinguisher 4 Kg CLEAN AGENT

Clean Agent FK-5-1-12 extinguishing agent is a unique product on its genre and offers security, low environment impact and an extraordinary extinguishing power.

It represents a valid alternative to Halon and HFC.



Classified as "Clean Agent"

- Zero ozone depletion potential (ODP);
- Low global warming (GWP), equal to one;
- Five days atmospheric lifetime (ALT);
- Wide security margin for the occupied areas;



No residue after discharge

and doesn't damage valuable goods (like pictures, books, server room, etc..)



Extinguishing Agent has no electrical conductivity

So like a CO<sub>2</sub> It is ideal for using on electrical equipment (tension up to 1000 V at a minimum distance of 1 m.)



Handy

It is much lighter than a CO<sub>2</sub> fire extinguisher (compared to a 5kg steel in fact the weight is halved)



FGAS license is not required for the maintenance

Cylinder with clip



Fire Rating



8

solid materials



55

flammable liquids

Code	38060-13
Nominal charge	4 Kg
Extinguishing agent	Clean Agent (FK-5-1-12)
Propellant	Nitrogen
Overall height	~ 7,4 Kg
Cylinder diameter	160 +/- 2 mm
Overall height	540 +/- 5 mm
Temperature range	-30° C /+ 60° C
Valve	Nickel-plated brass
Cylinder	Alloy steel



D.M. 7 Gennaio 2005



**PORTABLE POLISHED EXTINGUISHERS**

Code	22061-7	21069-2
Fire rating	A	A - B - C
Nominal charge	6 liters	6 Kg
Extinguishing agent	Water	ABC Powder
Overall weight	~ 8,8 Kg	
Cylinder diameter	160 +/-2 mm	
Overall height	560 +/-5 mm	
Temperature range	+5° C / + 60° C	-30° C / + 60° C
Valve	Aluminum	
Bracket	Optional 0313 - 3036	



**6 liters  
WATER**



**6 kg  
POWDER**



Extinguishers PED directive certificated.  
Polished stainless steel Cylinder.



**2 kg CO<sub>2</sub>**



**5 kg CO<sub>2</sub>**



*Design look*



Code	23020-5	23058-5
Fire rating	B	
Nominal charge	2 Kg	5 Kg
Extinguishing agent	Carbon dioxide	
Overall weight	~ 5,1 Kg	~ 12,3 Kg
Cylinder diameter	117 +/-2 mm	152 +/-2 mm
Overall height	505 +/-5 mm	670 +/-5 mm
Temperature range	-30° C / + 60° C	
Valve	Nickel-plated brass	
Bracket	Optional 0313	

Extinguishers PED directive certificated.  
Polished aluminum Cylinder.

**WHEELED FOAM EXTINGUISHERS**



**25 L FOAM EXTINGUISHER**

Code	19258
Fire rating	A -IVB
Nominal charge	25 liters
Extinguishing agent	Water + SC-6
Overall weight	~ 45 Kg
Height	930 +/-10 mm
Width	420 +/-10 mm
Depth	480 +/-10 mm
Temperature range	+5° C / +60° C
Valve	Nickel-plated brass

Water-based extinguisher with premixed extinguishing agent. Stainless steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



IV



Aluminum Professional Lance



Suitable to use on fire involving electrical voltages up to 1000 V



**50 L FOAM EXTINGUISHER**

Code	19508-11
Fire rating	A - IVB
Nominal charge	50 liters
Extinguishing agent	Water + SC-6
Overall weight	~ 75,5 Kg
Height	1100 +/-10 mm
Width	490 +/-10 mm
Depth	560 +/-10 mm
Temperature range	+5° C / +60° C
Valve	Nickel-plated brass

Water-based extinguisher with premixed extinguishing agent. Stainless steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose. Lance in plastic material with rotative connection that allow an easy unroll of hose.



IV



Polypropylene Professional Lance

Suitable to use on fire involving electrical voltages up to 1000 V



**WHEELED FOAM EXTINGUISHERS**

**FIRE FIGHTING**



**50 L FOAM EXTINGUISHER**

Code	19508-3
Fire rating	A - IVB
Nominal charge	50 liters
Extinguishing agent	Premix MG6-30
Overall weight	~ 82 Kg
Height	1100 +/-10 mm
Width	490 +/-10 mm
Depth	560 +/-10 mm
Temperature range	-30° C / +60° C
Valve	Nickel-plated brass

Water-based extinguisher with premixed extinguishing agent capable of withstanding low temperatures up to -30 °C. Stainless steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



**IV**

Suitable to use on fire involving electrical voltages up to 1000 V



Frost Resistance (up to -30°C)

Aluminum Professional Lance



**WHEELED FOAM EXTINGUISHERS**



**100 l FOAM EXTINGUISHER**

Code	19118
Fire rating	A -IVB
Nominal charge	100 liters
Extinguishing agent	Water + SC-6
Overall weight	~ 154 Kg
Height	1350 +/-10 mm
Width	580 +/-10 mm
Depth	560 +/-10 mm
Temperature range	+5° C / +60° C
Valve	Nickel-plated brass

Water-based extinguisher with premixed extinguishing agent. Stainless steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



IV



Aluminum Professional Lance



Suitable to use on fire involving electrical voltages up to 1000 V



**150 l FOAM EXTINGUISHER**

Code	19158-51
Fire rating	A -IVB
Nominal charge	150 liters
Extinguishing agent	Water + SC-6
Overall weight	~ 220 Kg
Height	1350 +/-10 mm
Width	750 +/-10 mm
Depth	640 +/-10 mm
Temperature range	+5° C / +60° C

Water-based extinguisher with premixed extinguishing agent. Pressurized cartridge operated. Stainless steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



IV



Aluminum Professional Lance



Suitable to use on fire involving electrical voltages up to 1000 V



Auxiliary pressure with nitrogen



**WHEELED EXTINGUISHERS FOR LITHIUM BATTERY**

**Lith-M**



**Suitable to Lithium Battery with capacity:**

**25,9 V 5076 Wh 196 Ah**

Suitable to use on fire involving electrical voltages up to 1000 V, at a minimum distance of 1 meter.



**Polypropylene Professional Lance**



**Specific Accessories**



**Cover code 1795V**



**50 L FOAM EXTINGUISHER FOR LITHIUM BATTERY**

Code	19508-15
Nominal charge	50 liters
Extinguishing agent	Lith-M 2
Overall weight	~ 75,5 Kg
Cylinder	Stainless Steel
Cylinder diameter	1100 +/-10 mm
Overall height	490 +/-10 mm
Temperature range	560 +/-10 mm
Valve	+5° C /+ 60° C
Valvola	Nickel-plated brass

**Fire Rating**



**IV**



**WHEELED POWDER EXTINGUISHERS**



**25 kg POWDER EXTINGUISHER**

Code	18256-1
Fire rating	A - II B - C
Nominal charge	25 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 48 Kg
Height	930 +/-10 mm
Width	420 +/-10 mm
Depth	480 +/-10 mm
Temperature range	-30° C / +60° C



II



Valve Nickel-plated brass

ABC polyvalent powder extinguisher.  
Carbon steel cylinder welded directly at chassis.  
Equipped with EPDM dispensing hose. Lance in plastic material with rotative connection that allow an easy unroll of hose.



Polypropylene Professional Lance



**25 kg POWDER EXTINGUISHER**

Code	18258-51
Fire rating	A - IV B - C
Nominal charge	25 kg
Extinguishing agent	ABC MAP 40%
Overall weight	~ 54 Kg
Height	930 +/-10 mm
Width	420 +/-10 mm
Depth	480 +/-10 mm
Temperature range	-30° C / +60° C



IV



ABC polyvalent powder extinguisher.  
Pressurized cartridge operated.  
Carbon steel cylinder welded directly at chassis.  
Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



Aluminum Professional Lance

Auxiliary pressure with nitrogen



**WHEELED POWDER EXTINGUISHERS**



**50 kg POWDER EXTINGUISHER**

Code	18508
Fire rating	A - III B - C
Nominal charge	50 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 79 Kg
Height	1100 +/-10 mm
Width	490 +/-10 mm
Depth	560 +/-10 mm
Temperature range	-30° C / +60° C
Valve	Nickel-plated brass



III



Aluminum Professional Lance

ABC polyvalent powder extinguisher.  
Carbon steel cylinder welded directly at chassis.  
Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



version with MED certificate  
-map 40%-  
- A IVB C -  
code 16508



**50 kg POWDER EXTINGUISHER**

Code	18508-52
Fire rating	A - IV B - C
Nominal charge	50 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 85 Kg
Height	1100 +/-10 mm
Width	490 +/-10 mm
Depth	560 +/-10 mm
Temperature range	-30° C / +60° C



IV



Aluminum Professional Lance

ABC polyvalent powder extinguisher.  
Pressurized cartridge operated.  
Carbon steel cylinder welded directly at chassis.  
Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



version with MED certificate  
-map 40%-  
code 16508-52



Auxiliary pressure with CO2

**WHEELED POWDER EXTINGUISHERS**



**50 kg POWDER EXTINGUISHER**

Code	18507-1
Fire rating	A - III B - C
Nominal charge	50 kg
Extinguishing agent	ABC MAP 20%
Overall weight	~ 79 Kg
Height	1100 +/-10 mm
Width	490 +/-10 mm
Depth	560 +/-10 mm
Temperature range	-30° C / +60° C
Valve	Nickel-plated brass



III



Polypropylene Professional Lance

ABC polyvalent powder extinguisher. Carbon steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose. Lance in plastic material with rotative connection that allow an easy unroll of hose.



**100 kg POWDER EXTINGUISHER**

Code	18118
Fire rating	A - IV B - C
Nominal charge	100 kg
Extinguishing agent	ABC MAP 40%
Overall weight	~ 146 Kg
Height	1265 +/-10 mm
Width	560 +/-10 mm
Depth	540 +/-10 mm
Temperature range	-30° C / +60° C
Valve	Nickel-plated brass



IV



Aluminum Professional Lance

ABC polyvalent powder extinguisher. Carbon steel cylinder welded directly at chassis. Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



version with MED certificate : code 16118



**WHEELED POWDER EXTINGUISHERS**



**100 kg POWDER EXTINGUISHER**

Code	18118-52
Fire rating	A - IV B - C
Nominal charge	100 kg
Extinguishing agent	ABC MAP 40%
Overall weight	~ 175 Kg
Height	1265 +/-10 mm
Width	560 +/-10 mm
Depth	540 +/-10 mm
Temperature range	-30° C / +60° C



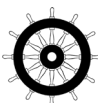
**IV**



ABC polyvalent powder extinguisher.  
Pressurized cartridge operated.  
Carbon steel cylinder welded directly at chassis.  
Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



version with  
MED  
certificate :  
code 16118-52



**Aluminum  
Professional  
Lance**

**Auxiliary pressure with CO2**



**150 kg POWDER EXTINGUISHER**

Code	18158-52
Fire rating	A - IV B - C
Nominal charge	150 kg
Extinguishing agent	ABC MAP 40%
Overall weight	~ 210 Kg
Height	1350 +/-10 mm
Width	750 +/-10 mm
Depth	640 +/-10 mm
Temperature range	-30° C / +60° C



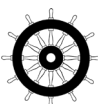
**IV**



ABC polyvalent powder extinguisher.  
Pressurized cartridge operated.  
Carbon steel cylinder welded directly at chassis.  
Equipped with EPDM dispensing hose and high resistance aluminum lance for outdoor use.



version with  
MED  
certificate :  
code 16158-52



**Aluminum  
Professional  
Lance**

**Auxiliary pressure with CO2**

**WHEELED SPECIAL POWDER DEVICES**

**D POWDER DEVICES**

These devices use a special powder effective on fires derived from metals (class D) and they are therefore ideal in all those environments with presence of fire risk from metals.



Manufactured Following:



<b>DEVICE 25 kg</b>	Code	12259
	Nominal charge	25 kg
	Overall weight	~ 48 Kg
	Height	930 +/-10 mm
	Width	420 +/-10 mm
	Depth	480 +/-10 mm
	Temperature range	-30° C / +60° C
	Valve	Nickel-plated brass

<b>DEVICE 50 kg</b>	Code	12509-2
	Nominal charge	50 kg
	Overall weight	~ 79 Kg
	Height	1100 +/-10 mm
	Width	490 +/-10 mm
	Depth	560 +/-10 mm
	Temperature range	-30° C / +60° C
	Valve	Nickel-plated brass



\*example 100 Kg



\*example 150 Kg

Code	12119	<b>DEVICE 100 kg</b>
Nominal charge	100 kg	
Overall weight	~ 146 Kg	
Height	1265 +/-10 mm	
Width	560 +/-10 mm	
Depth	540 +/-10 mm	
Temperature range	-30° C / +60° C	
Valve	Nickel-plated brass	

Code	12159	<b>DEVICE 150 kg</b> Auxiliary pressure with CO <sub>2</sub>
Nominal charge	150 kg	
Overall weight	~ 210 Kg	
Height	1350 +/-10 mm	
Width	750 +/-10 mm	
Depth	640 +/-10 mm	
Temperature range	-30° C / +60° C	

**WHEELED CARBON DIOXIDE EXTINGUISHERS**



**10 kg CO<sub>2</sub> EXTINGUISHER**

Code	17103-1
Fire rating	144 B
Nominal charge	10 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 36 Kg
Height	940 +/-10 mm
Width	430 +/-10 mm
Depth	480 +/-10 mm
Temperature range	-30° C / +60° C
Valve	Brass

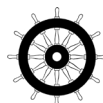
Carbon dioxide extinguisher, with 2 cylinder. Simple to move and handy. Made with die-cast steel cylinder, with handwheel valve. High-performance dispensing cone with isolated handle against the risk of cold burns, complete with brass nozzle and interception valve.



**144**



version with MED certificate : code 14103-1



**20 kg CO<sub>2</sub> EXTINGUISHER**

Code	17204
Fire rating	233 B
Nominal charge	20 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 64 Kg
Height	1115 +/-10 mm
Width	460 +/-10 mm
Depth	480 +/-10 mm
Temperature range	-30° C / +60° C
Valve	Brass

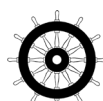
Carbon dioxide extinguisher, made with die-cast steel cylinder, with handwheel valve. High-performance dispensing cone with isolated handle against the risk of cold burns, complete with brass nozzle and interception valve.



**233**



version with MED certificate : code 14204



**WHEELED CARBON DIOXIDE EXTINGUISHERS**



**30 kg CO<sub>2</sub> EXTINGUISHER**

Code	17304
Fire rating	233 B
Nominal charge	30 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 84 Kg
Height	1300 +/-10 mm
Width	460 +/-10 mm
Depth	480 +/-10 mm
Temperature range	-30° C / +60° C

Valve Brass

Carbon dioxide extinguisher, made with die-cast steel cylinder, with handwheel valve.

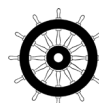
High-performance dispensing cone with isolated handle against the risk of cold burns, complete with brass nozzle and interception valve.



**233**



version with MED certificate : code 14304



**50 kg CO<sub>2</sub> EXTINGUISHER**

Code	17504
Fire rating	233 B
Nominal charge	50 kg
Extinguishing agent	CO <sub>2</sub>
Overall weight	~ 145 Kg
Height	1270 +/-10 mm
Width	1425 +/-10 mm
Depth	580 +/-10 mm
Temperature range	-30° C / +60° C

Valve Brass

Carbon dioxide extinguisher, made with die-cast steel cylinder, with handwheel valve.

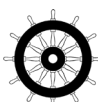
High-performance dispensing cone with isolated handle against the risk of cold burns, complete with brass nozzle and interception valve.



**233**



version with MED certificate : code 14504





## TWIN AGENT FIRE FIGHTING DEVICES

Devices designed for use in wide spaces,  
with high fire risk



Code	30509
Fire rating	A+B+C
Nominal charge	50 Kg + 50 Liters
Propellant	Nitrogen
Extinguishing agent	ABC powder MAP 20% + Water mixed with foaming additive
Temperature range	+5° C / +60° C

Code	30119
Fire rating	A+B+C
Nominal charge	100 Kg + 100 Liters
Propellant	Nitrogen
Extinguishing agent	ABC powder MAP 20% + Water mixed with foaming additive
Temperature range	+5° C / +60° C

### DEVICE 50 Kg + 50 L



### DEVICE 100 Kg + 100 L



These devices are designed for use on large fires of all types (A-B-C fire rating). Generally known as "Twin Agents", they consist of a single wheeled frame and two cylinders. One is made in carbon steel and fill with ABC polyvalent powder, the other is made in stainless steel and fill with water + foaming additive. The Cylinders are pressurized with nitrogen at 200 bar contains in the rear cylinder (14 or 27 liters), controlled by a pressure reducer set at 15 bar. With this system the cylinders become totally pressurized in ~ 15 seconds and so can be ready for the dispensing. This devices are recommended in airports, refineries, large depots of flammable liquids, large warehouses for stacking dangerous and flammable goods.

**Note:** This devices can't be certified according national rules and must be used by 2 operators at minimum.

**SECTIONED CYLINDERS**

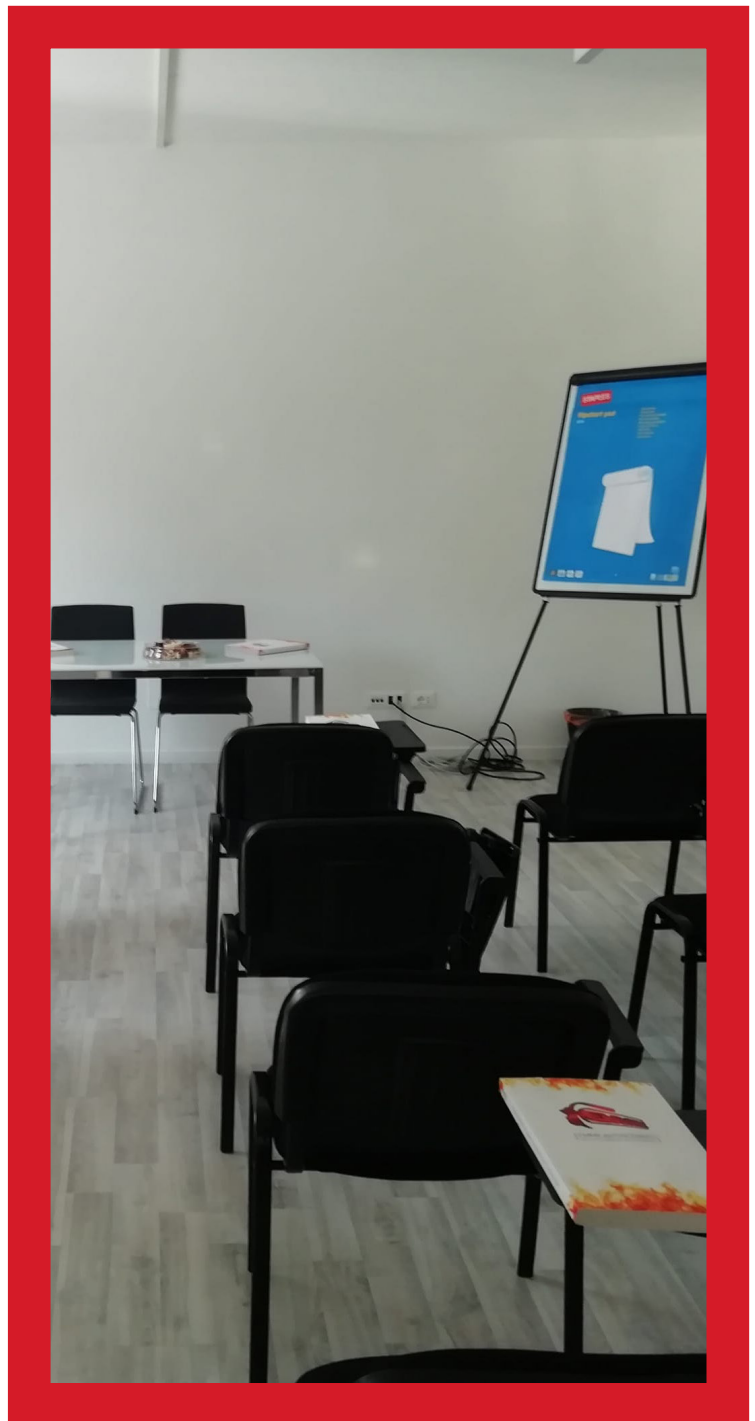


**Low Pressure  
Cylinder**  
code: 2152



**High Pressure  
Cylinder**  
code: 2153

The sectioned Cylinders are essential for those who train their staff and for those who carry out firefighting training courses. They make it clear and simple to understand what the components of the fire prevention device are and how it is made.



**GADGET DEVICES**

**FIRE FIGHTING DEVICES WITH 200 gr. OF ABC POWDER,  
MADE WITH BRASS VALVE**



**Code 21009**



**Code 21009-1**

## AUTOMATIC POWDER CEILING DEVICES

Code	13069-3	13129-3
Fire rating	A - B - C	
Nominal charge	6 kg	12 kg
Extinguishing agent	Polvere ABC - MAP 20%	
Overall weight	~ 10 Kg	~ 18 Kg
Cylinder diameter	240 +/-2 mm	360 +/-2 mm
Height	360 +/-5 mm	360 +/-5 mm
Temperature range	-30° C / +60° C	
Activation standard bulb	68°C	



Automatic ceiling devices are auxiliary extinguishing systems that are very simple to install and put into operation. They are equipped with an automatic valve with a thermo-expanding bulb that shatters allowing automatic activation when the triggering temperature is reached (standard supplied with bulb at 68 ° C). The devices are equipped with a protective cage for the valve to avoid accidental activation during transport and installation, the welded cage does not compromise the delivery of the extinguishing agent and its functionality. It must be installed on the ceiling using the special support supplied.

For correct installation height, three meters offers an extinguishing surface of about 9-12 m<sup>2</sup>. The best result is obtained by installing the device at a height between 1,5 and 3 meters.

**LOCALIZED SHUTDOWN SYSTEMS**

**FK-5-1-12**

**MARE-FK SERIES**

**POWDER**

**MARE-PW SERIES**



They are systems made and designed to be installed on board of pleasure boats, length no more than 24 meters, for the purpose of protecting the engine compartments. The system can be installed both internally and externally to the engine compartment and connected with optional aluminium piping for discharge at a predetermined point. The valve equipped with a thermo-expanding bulb allows the application of the activation cable, optional, and/or the pyrotechnic cartridge (optional) for activation from remote control or detector for installation of the device outside the engine compartment. The valve is also equipped with a pressure switch for constant signalling of the pressure inside the device.

**Included Accessories**

Pressure switch  
cod. 1161



Bracket



Fittings  
cod. 2165



Dispensing nozzles



FK  
cod.2163



PW  
cod.2163-2

Manual actuator  
cod. 1890-3



Distribution tube  
cod. 2164



Pyrotechnic cartridge  
cod. 2166-1



**Optional Accessories**

## LOCALIZED SHUTDOWN SYSTEMS

MARE-FK SERIES			FK-5-1-12			
System Code	Max covered Volume (m <sup>3</sup> )	Cylinder Volume (L)	Nominal charge (Kg)	Tube max lenght (m)	Cylinder diameter (mm)	Max dimensions L x H (mm)
11509-015	1,5	1,25	0,80	2	85	120 x 350
11509-030	3,0	1,25	1,60	2	85	120 x 350
11509-050	5,0	2,50	2,70	2	110	130 x 400
11509-075	7,5	4,30	4,00	2	130	145 x 455
11509-085	8,5	4,30	4,50	3	130	145 x 455
11509-100	10,0	4,30	5,30	3	130	145 x 455
11509-125	12,5	7,30	6,60	3	160	180 x 500
11509-150	15,0	7,30	7,90	4	160	180 x 500
11509-180	18,0	7,30	9,50	5	160	180 x 500
11509-200	20,0	10,70	10,50	6	170	190 x 620
Bulb activation temperature: 93°C    Temperature rage: -20°C / +60°C System pressure at 20°C: 15 bar						

MARE-PW SERIES			ABC POWDER			
System Code	Max covered Volume (m <sup>3</sup> )	Cylinder Volume (L)	Nominal charge (Kg)	Tube max lenght (m)	Cylinder diameter (mm)	Max dimensions L x H (mm)
11409-015	1,5	1,25	1	2	85	120 x 350
11409-035	3,5	2,50	2	3	110	130 x 400
11409-051	5,1	4,30	3	4	130	145 x 455
11409-070	7,0	4,30	4	4	130	145 x 455
11409-100	10,0	7,30	6	5	160	180 x 500
11409-150	15,0	10,70	8,8	6	170	190 x 620
11409-200	20,0	12,50	11,7	8	190	210 x 600
Bulb activation temperature: 93°C    Temperature rage: -20°C / +60°C System pressure at 20°C: 15 bar						

INCLUDED ACCESSORIES		
Code	Description	Pieces
1161	Pressure switch 1/8" for automatic device set at 11 bar, with protective cover	1
2165	Fitting F 3/8" for dispensing tube	4
2163	Dispensing nozzle M 3/8" for FK-5-1-12 systems	2
2163-2	Dispensing nozzle M 3/8" for powder and foam systems	2
Bracket	0326(Ø85) , 0327(Ø110) , 0315-1(Ø130) , 0316-1(Ø160) , 0318-2(Ø170) , 0317-1(Ø190)	1

**LOCALIZED SHUTDOWN SYSTEMS**

*Easy version*

**FK-5-1-12**  
MARE-FK SERIES

**POWDER**  
MARE-PW SERIES



They are systems made and designed to be installed on board of pleasure boats, length no more than 24 meters, for the purpose of protecting the engine compartments. The system must be installed internally the engine compartment with specific support supplied. The valve equipped with a thermo expanding bulb allows the activation of device when the set temperature is reach (standard bulb at 93°C) The valve is also equipped with a pressure switch for constant signalling of the pressure inside the device. On the valve is possible the installation of pyrotechnic cartridge for a remote activation.

Included Accessories

Pressure switch  
cod. 1161-2



Bracket



Manual actuator  
cod. 1890-35



Pyrotechnic cartridge  
cod. 2166-1



Optional Accessories

## LOCALIZED SHUTDOWN SYSTEMS

EASY MARE-FK SERIES				FK-5-1-12	
System Code	Max covered Volume (m <sup>3</sup> )	Cylinder Volume (L)	Nominal charge (Kg)	Cylinder diameter (mm)	Max dimensions L x H (mm)
11559-015	1,5	1,25	0,80	85	115 x 330
11559-030	3,0	1,25	1,60	85	115 x 330
11559-050	5,0	2,50	2,70	110	130 x 380
11559-075	7,5	4,30	4,00	130	140 x 435
11559-085	8,5	4,30	4,50	130	140 x 435
11559-100	10,0	4,30	5,30	130	140 x 435
11559-125	12,5	7,30	6,60	160	180 x 480
11559-150	15,0	7,30	7,90	160	180 x 480
11559-180	18,0	7,30	9,50	160	180 x 480
11559-200	20,0	10,70	10,50	170	190 x 600

Bulb activation temperature: 93°C    Temperature range: -20°C / +60°C  
System pressure at 20°C: 15 bar

EASY MARE-PW SERIES			ABC POWDER		
System Code	Max covered Volume (m <sup>3</sup> )	Cylinder Volume (L)	Nominal charge (Kg)	Cylinder diameter (mm)	Max dimensions L x H (mm)
11459-015	1,5	1,25	1	85	115 x 330
11459-035	3,5	2,50	2	110	130 x 380
11459-051	5,1	4,30	3	130	140 x 435
11459-070	7,0	4,30	4	130	140 x 435
11459-100	10,0	7,30	6	160	180 x 480
11459-150	15,0	10,70	8,8	170	190 x 600
11459-200	20,0	12,50	11,7	190	210 x 580

Bulb activation temperature: 93°C    Temperature range: -20°C / +60°C  
System pressure at 20°C: 15 bar

## INCLUDED ACCESSORIES

Code	Description	Pieces
1161-2	Pressure switch M 10x1 for automatic device set at 11 bar, with protective cover	1
Bracket	0326(Ø85) , 0327(Ø110) , 0315-1(Ø130) , 0316-1(Ø160) , 0318-2(Ø170) , 0317-1(Ø190)	1

**LOCALIZED SHUTDOWN SYSTEMS**



**FOAM**

**INDUSTRIAL FOAM SERIES**



They are systems created and designed to be installed to protect unattended premises on a constant basis. The installation can take place internally and externally to the room to be protected, the extinguishant is supplied via special nozzles, connected to the aluminum pipe, for discharge at a pre-established point. The valve equipped with a thermo-expanding bulb allows the application of the activation cable (optional) and/or the pyrotechnic cartridge (optional) for activation from remote control or detector for installation of the device outside the engine compartment. The valve is also equipped with a pressure switch for constant signalling of the pressure inside the device.

**INDUSTRIAL FOAM SERIES**

System Code	Max covered area (m <sup>2</sup> )	Cylinder Volume (L)	Nominal charge (L)	Tube max lenght (m)	Cylinder diameter (mm)	Max dimensions L x H (mm)
11069-1	10	7,5	6	5	160	180 x 530
11099-1	20	10,7	9	6	170	190 x 620

Bulb activation temperature: 93°C    Temperature rage: -30°C / +60°C  
System pressure at 20°C: 15 bar

**Included Accessories**

<p>Pressure switch cod. 1161</p>	<p>Bracket</p>	<p>Fittings cod. 2165</p>	<p>Dispensing nozzles cod. 2163-2</p>
--------------------------------------	----------------	-------------------------------	---

Code	Description	Pieces
1161	Pressure switch 1/8" for automatic device set at 11 bar, with protective cover	1
2165	Fitting F 3/8" for dispensing tube	4
2163-2	Dispensing nozzle M 3/8" for powder and foam systems	2
Bracket	0316-1(Ø160) , 0318-2(Ø170)	1

<p>Manual actuator cod. 1890-3</p>	<p>Distribution tube cod. 2164</p>	<p>Pyrotechnic cartridge cod. 2166-1</p>	<p><b>Optional Accessories</b></p>
--	--	--	------------------------------------



**EXTINGUISHER METAL BOX**

**Extinguisher box**  
**Steel red painting RAL 3000**  
**With door for Safe Window plate**



CAREFULLY  
PACKED IN  
CARDBOARD BOX



FRANGIBLE  
PLATE  
INCLUDED



**Extinguisher box**  
**Stainless Steel**  
**With door for Safe Window plate**



Code	Dimensions	Description
0921DK	325x200x602H	6 Kg/L
9460-1	179x452H	Frangible plate
0923DK	325x250x802H	5-9-12 kg/L
9461-1	179x647H	Frangible plate

Code	Dimensions	Description
0922DK	325x200x602H	6 Kg/L
9460-1	179x452H	Frangible plate
0924DK	325x250x802H	5-9-12 kg/L
9461-1	179x647H	Frangible plate

**Extinguisher box**  
**Steel red painting RAL 3000**  
**Door with inspection window**

CAREFULLY  
PACKED IN  
CARDBOARD BOX



TRANSPARENT  
PLATE  
INCLUDED



Code	Dimensions	Description
0925DK	325x200x602H	6 Kg/L
0927DK	325x250x802H	5-9-12 kg/L
9194	179x179	Transparent plate

**Twin Extinguisher box**  
**Steel red painting RAL 3000**  
**Door with inspection windows**



TRANSPARENT  
PLATES  
INCLUDED



CLOSE DOOR WITH KEY

Code	Dimensions	Description
9257	550x220x640H	6 Kg/L

**EXTINGUISHER POLYPROPYLENE BOX**

certificate  TÜVRheinland

Extinguisher box in high resistance polypropylene, with central inspection window

- Flammability (Flame Speed)
- Waterproof and dustproof (IP59K)
- Hydrocarbons and lubricating oils resistance
- Accelerated aging (UV rays)
- Compression (12.000 N capacity)



Ideal accessory for water based and/or Lithium Battery extinguishers



Code	Dimensions	Description
2282	287x220x600H	6 Kg/L

Code	Dimensions	Description
2295	310x247x671H	6 Kg/L

For 2 extinguishers kg 6 powder or foam

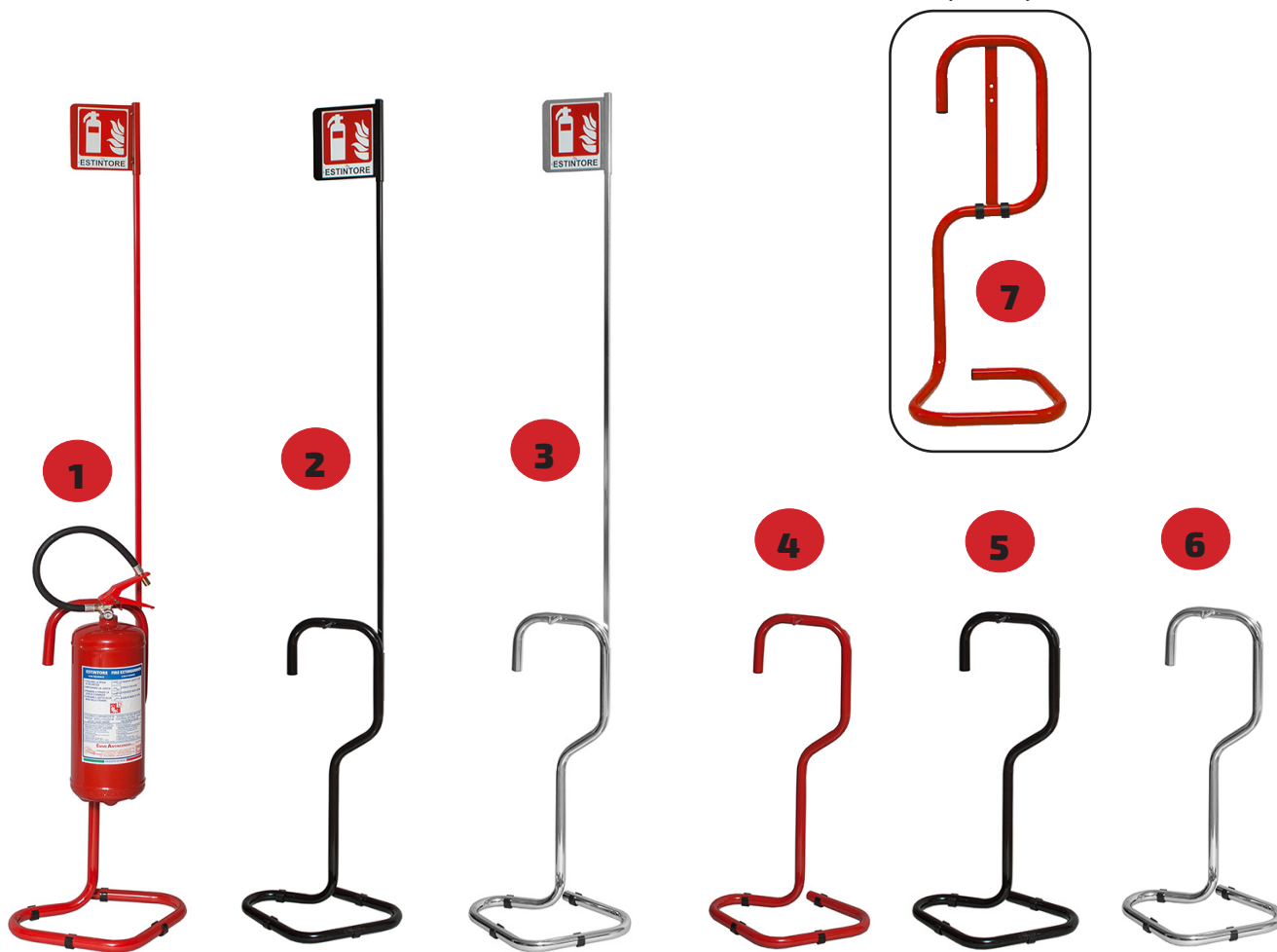


Code	Dimensions	Description	Code	Dimensions	Description
1668	335X240X620H	6 Kg/L	1668-1	616x270x735H	6Kg/L
1669	335X240X865H	5/9/12 kg			

**PORTABLE EXTINGUISHER STANDS**

Painted/chromed stands for fire extinguisher installation. The stand allows installation without building works and complies with the installation regulations in force. The stand is the most popular accessory for indoor installation (extinguisher not included).

Specific stand for extinguisher with clip on cylinder



N	Code	Colour	Height	Description
1	0456	Red	1800 - 1900 mm	Steel upright complete with pole and flag
2	0457	Black	1800 - 1900 mm	Steel upright complete with pole and flag
3	0459	Chromed	1800 - 1900 mm	Steel upright complete with pole and flag
4	0455	Red	700 mm	Base only
5	1788	Black	700 mm	Base only
6	1787	Chromed	700 mm	Base only
	1503	Red		Flag with extinguisher pictogram (pole excluded)
	1794	Black		Flag with extinguisher pictogram (pole excluded)
	9083	Chromed		Flag with extinguisher pictogram (pole excluded)
7	2141	Red	700 mm	Pole only for Cylinder with clip - support 3036-1 included

**PORTABLE EXTINGUISHER STANDS**



Polypropylene dome base; steel pole; pvc twin face flag (if supplied).  
Fast and easy to assemble (extinguisher not included).

N	Code	Colour	Height	Description
1	1934	Black	700 mm	With pole, without flag
2	1935	Black	1800 - 1900 mm	With high pole and flag
3	1932	Chromed	700 mm	With pole, without flag
4	1933	Chromed	1800 - 1900 mm	With high pole and flag



**PORTABLE EXTINGUISHER STANDS**



**1**

Polypropylene extinguisher holder with modern design. Thanks to the four support points, it guarantees excellent stability. Available in two versions base only or complete with pole and flag complete with extinguisher identification pictogram.

**Ideal for all portable extinguisher**

**2**



N	Code	Colour	Height	Description
1	0456-1	Red	1162 mm	Extinguisher short stand
2	0456-2	Red	1877 mm	Extinguisher high stand with flag

**PORTABLE EXTINGUISHER SUPPORTS**



Code	Diameter
0324-1	Max 160 mm

Black painted steel support designed for installation on boats. Equipped with adjustable laces in fabric with steel closure. The wide rear bracket allows the installation using existing fores.

**PORTABLE EXTINGUISHER SUPPORTS**



1



2



3



4

N.	Code	Description
1	0313	Steel wall support
2	0323	Polypropylene wall support
3	3036	Steel wall support for extinguishers with clip
4	3036-1	Wall and/or stand steel support for clip fire extinguishers



mare-industrial series



Standard



Standard Stainless steel



1 and 2 kg/L



3 and 4 kg/L

Extinguisher supports for installation at wall or on vehicles and boats

Code	For cylinder diameter:	Material	For Extinguisher:
0326	85 mm	Steel black painted with stainless steel band	1 Kg powder
1238-1	104 mm	Steel red painted	2 Kg CO2 (steel)
0327	110 mm	Steel black painted with stainless steel band	2 Kg/L powder/foam
1238	117 mm	Steel red painted	2 Kg CO2 (aluminum)
0314	130 mm	Plastic, colour black	3/4 Kg/L powder/foam
0315	130 mm	Steel red painted	3/4 Kg/L powder/foam
0315-1	130 mm	Steel red painted	3 Kg/L Mare/industrial series
0319	136 mm	Steel red painted	5 Kg CO2 (steel)
1429	152 mm	Steel red painted	5 Kg CO2 (aluminum)
1464	160 mm	Stainless steel	6 Kg/L powder/foam
0316	160 mm	Steel red painted	6 Kg/L powder/foam
0316-1	160 mm	Steel red painted	6 Kg/L Mare/industrial series
0318-1	170 mm	Steel red painted	9 Kg/L powder/foam
0317-1	190 mm	Steel red painted	12 Kg powder and mare/industrial series

## PORTABLE EXTINGUISHER BASE

Polypropylene bottom for portable extinguishers .It allows you to enhance the extinguisher placing the dispensing hose in a downward facing position.



Ideal accessory for water based and/or Lithium Battery extinguishers



Code	Colour	Description
1862-8	Black	For powder/foam extinguishers with Cylinder Ø 160 mm
1862-81	Green	For powder/foam extinguishers with Cylinder Ø 160 mm
2267	Black	For powder extinguishers with Cylinder Ø 170 mm

## EXTINGUISHER PROTECTIVE COVERS

Pvc caps to protect extinguishers from atmospheric events when they are placed in open spaces.



Code	Dimensions	Description
0401	390x610 h mm	Portable 6 Kg/L
0401V	390x610 h mm	Portable 6 L - Green colour with "Li-Ion Battery" logo
1195	390x770 h mm	Portable 9/12 Kg/L ; 5 Kg CO <sub>2</sub>
1795	750x1200 h mm	Wheeled 25/30/50 Kg/L ; 10 Kg CO <sub>2</sub>
1795V	750x1200 h mm	Wheeled 25/50 L Green colour with "Li-Ion Battery" logo
1796	950x1500 h mm	Wheeled 100 Kg/L ; 18/20/27/30 Kg CO <sub>2</sub>
1797	1100x1800 h mm	Wheeled 150 Kg/L ; 50 Kg CO <sub>2</sub>
1471	600x1000x1300 h mm	Mobile group

**EXTINGUISHER VALVES**

**VALVE FOR 1-2 KG POWDER**

Nozzle included



Code	0211
Lever colour	Red
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	1/8" NPT
Body material	Nickel-plated brass

**VALVE FOR 2 L FOAM**

Nozzle included



Code	0211-2V
Lever colour	Green
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	1/8" NPT
Body material	Nickel-plated brass

**VALVE FOR 3/6/9/12 KG POWDER**



Code	0212
Lever colour	Red
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Nickel-plated brass



Code	0212KB
Lever colour	Blue
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Nickel-plated brass



Code	0212-9
Lever colour	Red
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Aluminum

**VALVOLE PER 6/9 L FOAM**



Code	0212FV
Lever colour	Green
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Nickel-plated brass



Code	0212CS
Lever colour	Green/white
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Nickel-plated brass



**EXTINGUISHER VALVES**

**VALVE FOR 3/6/9/12 KG POWDER**



Code	0212C
Lever colour	Rosso
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212CB
Lever colour	Blu
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212CN
Lever colour	Nero
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212CV
Lever colour	Verde
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212CGIA
Lever colour	Giallo
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212CG
Lever colour	Grigio
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato

**VALVE FOR 3/6/9/12 KG POWDER  
LOW MAGNETIC  
CONDUCTIVITY**



Code	8622C
Lever colour	Inox
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212CBIA
Lever colour	Bianco
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone nichelato



Code	0212C-1
Lever colour	Inox
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 1/4"
Body material	Ottone

**EXTINGUISHER VALVES**

**VALVE FOR 3/6 L FOAM  
M. 58x2**



Code	0212-5
Lever colour	Black
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.58x2
Outlet	M 14x1,5
Body material	Aluminum



Code	0212-4
Lever colour	Black
Pressure gauge connection	M.10x1
Dip tube connection	M.16x1,5
Inlet	M.58x2
Outlet	M 14x1,5
Body material	Aluminum

**VALVE FOR 2-5 Kg CO<sub>2</sub>  
LOW MAGNETIC CONDUCTIVITY**



Code	0213-2
Lever	Inox
Dip tube connection	G. 1/4
Inlet	M.25x2
Outlet	W 21,7
Body material	Brass

**VALVE FOR  
2-5 Kg CO<sub>2</sub>**



Code	0213L
Lever colour	Red
Dip tube connection	M10x0,75
Inlet	M.25x2
Outlet	W 21,7
Body material	Nickel-plated brass

**VALVE FOR  
2-5 Kg CO<sub>2</sub>**



Code	0213C-1
Lever colour	Red
Dip tube connection	G. 1/4
Inlet	M25x2
Outlet	W 21,7
Body material	Nickel-plated brass

**VALVE FOR  
2-5 Kg CO<sub>2</sub>**



Code	0218C-1
Lever colour	Red
Dip tube connection	G 1/4"
Inlet	W 28,8
Outlet	W 21,7
Materiale corpo	Nickel-plated brass

**VALVE FOR WHEELED  
POWDER/FOAM**



Code	0214R
Lever colour	Red
Pressure gauge connection	M.10x1
Dip tube connection	3/4 GAS
Inlet	2" - F
Outlet	3/4" GAS
Body material	Nickel-plated brass

**VALVE FOR WHEELED  
POWDER/FOAM**



Code	0214C
Lever colour	Red
Pressure gauge connection	M.10x1
Dip tube connection	3/4 GAS
Inlet	2" F
Outlet	3/4" GAS
Body material	Nickel-plated brass

**EXTINGUISHER VALVES**

**HANDWHEEL VALVE FOR FOOD USE - CO<sub>2</sub>**



<b>Code</b>	<b>1153A</b>
Colour	Grey
Dip tube connection	3/8 GAS
Inlet	W 28,8
Outlet	W 21,7
Body material	Nickel-plated brass

**HANDWHEEL VALVE FOR INDUSTRIAL USE - CO<sub>2</sub>**



<b>Code</b>	<b>0222</b>
Colour	Grey
Dip tube connection	M 10x1
Inlet	M.25x2
Outlet	W 21,7
Body material	Nickel-plated brass

**HANDWHEEL VALVE FOR INDUSTRIAL USE - N<sub>2</sub>**



<b>Code</b>	<b>18491</b>
Colour	Red
Dip tube connection	3/8" GAS
Inlet	W 28,8
Outlet	W 21,7 F
Body material	Brass

**HANDWHEEL VALVE FOR WHEELED EXTINGUISHERS CO<sub>2</sub>**



<b>Code</b>	<b>1153I</b>
Colour	Red
Dip tube connection	3/8" GAS
Inlet	W 28,8
Outlet	W 21,7 F
Body material	Brass

**HANDWHEEL VALVE FOR FOOD USE - RESIDUAL CO<sub>2</sub>**



<b>Code</b>	<b>9382</b>
Colour	Grey
Dip tube connection	3/8" GAS
Inlet	W 28,8
Outlet	W 21,7
Body material	Nickel-plated brass

**SERIES MARE/INDUSTRIAL VALVE**



pressure gauge not included

<b>Code</b>	<b>1906</b>
Pressure gauge connect.	1/8 NPT
Dip tube connection	M.16x1,5
Inlet	M.30x1,5
Outlet	G 3/8"
Bulb temperature	93°C
Body material	Nickel-plated brass

**SPRINKLER VALVE**



pressure gauge not included

<b>Code</b>	<b>0216</b>
Pressure gauge connect.	1/8 F NPT
Inlet	M.30x1,5
Bulb temperature	68°C
Body material	Nickel-plated brass

**SPRINKLER VALVE**



Suitable for pressure switch and manual actuator

<b>Code</b>	<b>2133-1</b>
Pressure gauge connect.	1/8 F NPT
Pressure switch connect.	M. 10x1
Inlet	M.30x1,5
Bulb temperature	93°C
Body material	Nickel-plated brass

**BALLPOINT VALVE 3/4" M/M**



<b>Code</b>	<b>0217-2</b>
Inlet	M 3/4" GAS
Outlet	M 3/4" GAS
Body material	Nickel-plated brass

**ACCESSORIES FOR MAINTENANCE**



1



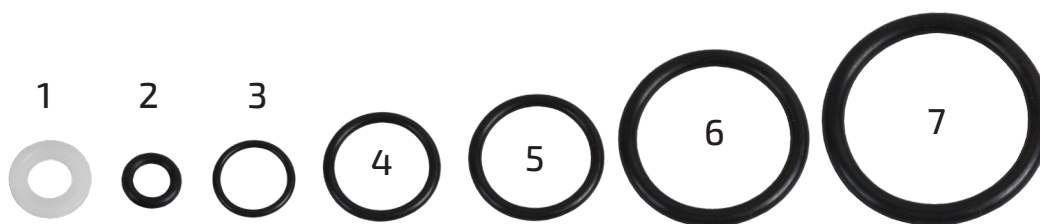
2

**DIP TUBE HOLDER FOR PORTABLE LOW PRESSURE EXTINGUISHER VALVES**

N	Code	Diameter	Lenght	Valve type	Packaging
1	0253R	24 mm	25 mm	M 30x1.5	10 pcs
1	0253R-1	25 mm	29 mm	M 30x1.5	10 pcs
2	0253C	23,5 mm	23 mm	M 30x1.5 CPF	10 pcs

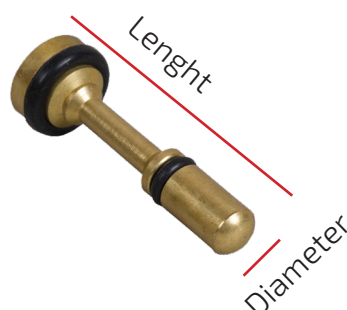
NB. spare part not available for M. 30x1.5 valves with aluminum body

**EXTINGUISHER GASKETS**



N	Code	Inside diameter	Thickness	Type	Packaging
1	0204	10,4 mm	2 mm	For 2-5 kg CO <sub>2</sub> extinguishers and CO <sub>2</sub> - N <sub>2</sub> cylinders	100 pcs
2	0205	7,66 mm	1,78 mm	For pressure gauge powder/foam extinguishers	100 pcs
3	1812	11,9 mm	2,62 mm	Hose-nozzle connection for foam 3-6-9 L	100 pcs
4	0202	25 mm	3,5 mm	For valve M.25x2 CO <sub>2</sub> CPF and Levian 2-5 kg	50 pcs
4	0201-13	26 mm	3,5 mm	For valve M.30x1.5 powder/foam Emme 1-2 kg	100 pcs
5	0201C	30 mm	2,95 mm	For valve M.30x1.5 powder/foam CPF 6-9-12 kg-L	100 pcs
5	0201R	30 mm	3,5 mm	For valve M.30x1.5 powder/foam Emme 3-6-9-12 kg-L	100 pcs
6	0203	40 mm	5 mm	For valve 2" wheeled powder/foam 25-50-100 kg-L pressurized	50 pcs
6	0201-4	42 mm	5 mm	For valve M.58x2 powder/foam 3-6 kg-L	100 pcs
7	0201-5	60 mm	4 mm	For valve M.74x2 powder/foam 6-9-12 kg-L with cartridge	50 pcs

NB. images not in scale



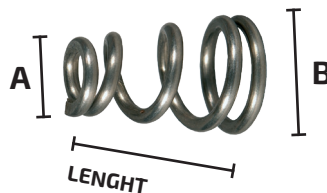
**PRESS SPRING STEM FOR PORTABLE EXTINGUISHERS BUTTON VALVES**

NB. spare part not available for M. 30x1.5 valves with aluminum body

Code	Diameter	Lenght	Type	Packaging
0243C	5,9 mm	48,5 mm	M. 25X2, CO <sub>2</sub> CPF	10 pcs
0242R	5,9 mm	43,5 mm	M 30x1.5 powder/foam	10 pcs
0241R	5,9 mm	37 mm	M 30x1.5 powder/foam 1-2 kg	10 pcs
0242C	5,9 mm	43 mm	M 30x1.5 powder/foam CPF	10 pcs

**ACCESSORIES FOR MAINTENANCE**

**SPRING RETAINER FOR STEM FOR PORTABLE EXTINGUISHERS BUTTON VALVES**



Code	Diameter A/B	Lenght	Valve type	Packaging
0251C	9,3/15,5 mm	21,9 mm	M.30X1.5 powder/foam CPF	10 pcs
0251R	9,7/16 mm	21,5 mm	M.30x1.5 powder/foam	10 pcs
0251R-1	9,7/13,5 mm	30 mm	M.30x1.5 powder/foam 1-2 kg	100 pcs

**TEST VALVE FOR PRESSURE GAUGE**



NB. spare part not available for M. 30x1.5 valves with aluminum body

Code	Valve type	Packaging
1163	M. 30x1.5 powder/foam	100 pcs
1163C	M. 30X1.5 powder/foam CPF	100 pcs

**SAFETY DEVICE FOR EXTINGUISHER VALVE**



NB. spare part not available for M. 30x1.5 valves with aluminum body

Code	Spring lenght	Nut	Valve type	Calibration	Packaging
0261R	11 mm		M. 30X1.5 powder/foam	20/26 bar	10 pcs
0261C	11 mm		M. 30X1.5 powder/foam CPF	20/24 bar	10 pcs
0262C		14	M. 25X2 CO2 CPF	195+15/-23 bar	10 pcs

**PRESSURE GAUGE FOR PORTABLE AND WHEELED EXTINGUISHERS**



1



2



N	Code	Valve type	Connection
1	0271-1	Powder extinguisher	M 10x1, with oring
2	1576	Foam extinguisher	M 10x1, with oring
	0272	Mare/industrial serie devices	1/8 NPT, without oring

**ACCESSORIES FOR MAINTENANCE**

**SAFETY PIN FOR PORTABLE AND WHEELED EXTINGUISHERS**



Code	Diameter	Lenght	Type	Packaging
0284	4 mm	65 mm	Steel, for valve CPF and Levian	10 pcs
0282-1	3.45 mm	64 mm	Stainless steel, for powder/foam	100 pcs

Diameter

**SAFETY VALVE FOR CAP FOR WHEELED EXTINGUISHER WITH AUXILIARY PRESSURE AND TWIN AGENTS DEVICES**



Code	Description
2048	G 1/4" - function range from 26 to 30 bar

**2" CAP FOR WHEELED EXTINGUISHERS**



Code	Description
18463	function range from 21 to 26 bar



Code	0286
String for safety pin	
Lenght	130mm
Packaging	100 pz.



Code	1482
Seal for safety pin - red	
Lenght	35 mm
Packaging	1000 pz.



Code	0285
Seal for safety pin - green	
Lenght	35 mm
Packaging	1000 pz.



Code	0093
Black pvc seal	
Lenght	390 mm
Packaging	500 pz.



Code	1408
Black pvc seal numbered	
Lenght	390 mm
Packaging	1000 pz.



Code	1505
Knurled seal - red	
Lenght	150mm
Packaging	1000 pz.



Code	1408 -1
Pvc seal numbered	
Lenght	390 mm
Packaging	100 pz.



Code	0095
Customized pvc seal	
Lenght	390 mm
Packaging	1000 pz.

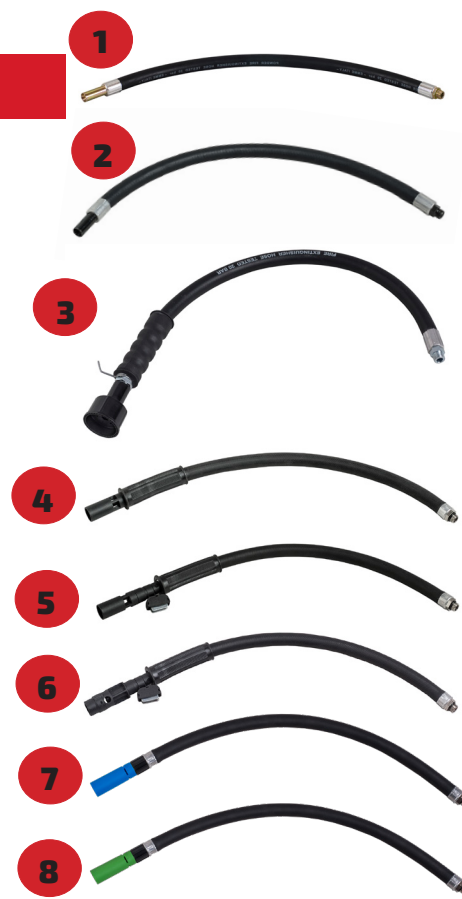


Code	0091
Knurled seal - white	
Lenght	2000mm
Packaging	1000 pz.

**ACCESSORIES FOR MAINTENANCE**

**HOSES FOR PORTABLE POWDER/FOAM/CLEAN AGENT EXTINGUISHERS**

N	Code	Total Length	Type (with dispensing nozzle)	Valve connect.
1	0291	450 mm	Powder 3/4 Kg, M. 30x1.5	G. 1/4"
1	0292	570 mm	Powder 6 Kg, M. 30x1.5	G. 1/4"
1	0292-3	570 mm	Powder 6 Kg, M.58x2	M. 14x1.5
2	0292-4	570 mm	Powder 9/12 Kg, M. 30x1.5	G. 1/4"
3	2209-1	440 mm	Foam 3 lt, M. 58x2	M. 14x1.5
3	0293-2	555 mm	Foam 6 lt, M.30x1.5	G. 1/4"
3	0293-6	640 mm	Foam 9 lt, M.30x1.5	G. 1/4"
3	0293-1	560 mm	Foam 6 lt, M.58x2	M. 14x1.5
4	0293-8	570 mm	Foam 6/9 lt, M.30x1.5 (no magnet)	G. 1/4"
5	0293-9	570 mm	Foam 6/9 lt, M.30x1.5 (with magnet)	G. 1/4"
6	0293-12	575 mm	Foam 6/9 lt, M.30x1.5 (with magnet and special nozzle for fluorine-free extinguisher)	G. 1/4"
7	2296-2B	580 mm	Water/Foam 6/9 lt, M.30x1.5, blue nozzle	G. 1/4"
8	2296-2V	580 mm	Water/Foam 6/9 lt, M.30x1.5, green nozzle	G. 1/4"



**FIRE FIGHTING**

**HOSES FOR PORTABLE CO2 EXTINGUISHERS**



\* length only tube

N	Code	*Length	Type	Valve connect.
1	0294	715 mm	5 Kg, for cone Italy model (not included)	FG 21,7x1/14"
2	1771	835 mm	5 Kg, with cone diameter 100 mm included	FG 21.7x1.14"
3	0332-1	570 mm	5 Kg, with cone Europe model included	FG 21.7x1.14"
3	0332-2	715 mm	5 Kg, with cone Europe model included, not magnetic	FG 21.7x1.14"

**HOSES FOR WHEELED POWDER/FOAM/CO2 EXTINGUISHERS**



N	Code	Length	Type	Connection
1	18421	5000 mm	Powder/foam, 25/50 Kg	G3/4" x G3/4" ogive seat
1	18422	10000 mm	Powder/foam, 100 Kg	G3/4" x G3/4" ogive seat
1	18421-3	5000 mm	Powder/foam auxiliary pressure, 25/50 Kg	G3/4" ogive seat x G3/4" flat seat
1	18422-1	10000 mm	Powder/foam auxiliary pressure, 100/150 Kg	G3/4" ogive seat x G3/4" flat seat
1	18421-2	5000 mm	Twin agent 50/100 Kg	G3/4" x G 1" flat seat
2	1828	5000 mm	CO2, 10 Kg	F 1/2" x M 1/2"
2	18425	5000 mm	CO2, 20/30/50 Kg	G 1/2" x FG 21.7x1/14"

**ACCESSORIES FOR MAINTENANCE**

**CONES AND NOZZLES**



<b>Code</b>	<b>0331-1</b>
Dispensing cone CO <sub>2</sub> Kg 2 model europe	
Diameter	70 mm
Lenght	132mm

<b>Code</b>	<b>0332-42</b>
Dispensing cone CO <sub>2</sub> Kg 2	
Diameter	92 mm
Lenght	111 mm

<b>Code</b>	<b>0287</b>
Nozzle for 1/2 Kg powder extinguishers	
Package	50 pcs

**FOAM NEBULIZER NOZZLES**



N	Code	Thread	Type
1	1938	M 1/8 NPT	2 liters portable
2	1645-2	M 16 x 1.5	3-6-9 liters portable
3	1645-4	M 16 x 1.5	3-6-9 liters portable
3	1645-3	M 16 x 1.5	25-50 liters wheeled
4	2574	M 16 x 1.5	6 liters portable

**NOZZLE FOR AUTOMATIC SYSTEM**



N	Code	Thread	Type	Note
1	2163	M 3/8"	HFC gas	Mare series
2	2163-2	M 3/8"	Powder/foam	Industrial series



**ACCESSORIES FOR MAINTENANCE**

**LANCE FOR POWDER/FOAM/CO2 WHEELED EXTINGUISHERS**



N	Code	Material	Type	Note
1	2181	Aluminum body	Powder 25-50 Kg	Complete with ball valve
1	2181-1	Aluminum body	Powder 100 - 150 Kg	Complete with ball valve
1	2181-2	Aluminum body	Foam 25 - 50 L	Complete with ball valve and filter for foam
1	2181-3	Aluminum body	Foam 100 - 150 L	Complete with ball valve and filter for foam
2	0336	PVC body	CO2	Complete with ball valve
3	2181-4	PVC body	Powder 25 -30 - 50 Kg	Rotative connection at hose
4	2181-6	PVC body	Foam 25 - 50 L	Rotative connection at hose, with nozzle for foam
5	1601	PVC cone, aluminum pipe	CO2	Length 2,70 m - For the aviation complete with high-pressure ball valve

**SUPPORT BAND FOR EXTINGUISHERS WITHOUT CLIP**



Code	Diameter	Type
1907-1	104 mm	2 Kg CO2 steel
1907-2	136 mm	5 KG CO2 steel

**PVC HOSE HOLDER FOR PORTABLE EXTINGUISHERS**



N	Code	Description
1	0301-1	Magnet
2	0301	Diameter 160 mm
3	1907	Diameter max. 190 mm (adjustable)

**ACCESSORIES FOR MAINTENANCE**

**PVC SYPHON FOR POWDER/ FOAM**



**ALUMINUM SYPHON FOR CO2**



CODE	LENGTH	THREAD	FOR EXTINGUISHER
0151	240 mm	M16X1.5	1 KG
0152	270 mm	M16X1.5	2KG / L - 3 L
0153	356 mm	M16X1.5	3/4 KG
3033	444 mm	M16X1.5	6 KG auxiliary press
1859	400 mm	M16X1.5	6 KG three pieces
0154	420 mm	M16X1.5	6 KG/L
3034	456 mm	M16X1.5	9 KG auxiliary press
3035	525 mm	M16X1.5	12 KG auxiliary press
0155-1	510 mm	M16X1.5	9/12 KG three pieces
0156	540 mm	M16X1.5	9/12 KG
18401	720 mm	G 3/4"	25 KG/L
0162	870 mm	G 3/4"	30/50 KG/L
0165	1080 mm	G 3/4"	100 KG/L

CODE	LENGTH	THREAD	FOR EXTINGUISHER
0158-1	348 mm	G 1/4"	2 KG Aluminum
0157-1	400 mm	G 1/4"	2 KG Steel
0157-4	400 mm	M 10x0.75	2 KG Steel
0159-1	540 mm	G 1/4"	5 KG Aluminum
0160-1	600 mm	G 1/4"	5 KG Steel
0160-4	600 mm	M 10x0.75	5 KG Steel
0166-1	800 mm	G 3/8"	20 KG
0167-1	1100 mm	G 3/8"	30 KG
18412-1	1400 mm	G 3/8"	50 KG

**PRESSURIZATION CARTRIDGES**



Code	Charge	Thread	Extinguisher type
3029-1	55 gr	M 18x1,5	6 L
3029	75 gr	M 18x1,5	9 L
3030	150 gr	M 18x1,5	6 Kg
3031	200 gr	M 18x1,5	9 Kg
3032	225 gr	M 18x1,5	12 Kg

**FIRE-PROOF BLANKETS, in bag**

According to EN 1869

Code	Dimension
6171-3	100x100 cm
6204-1	120x180 cm
6173-2	180x180 cm



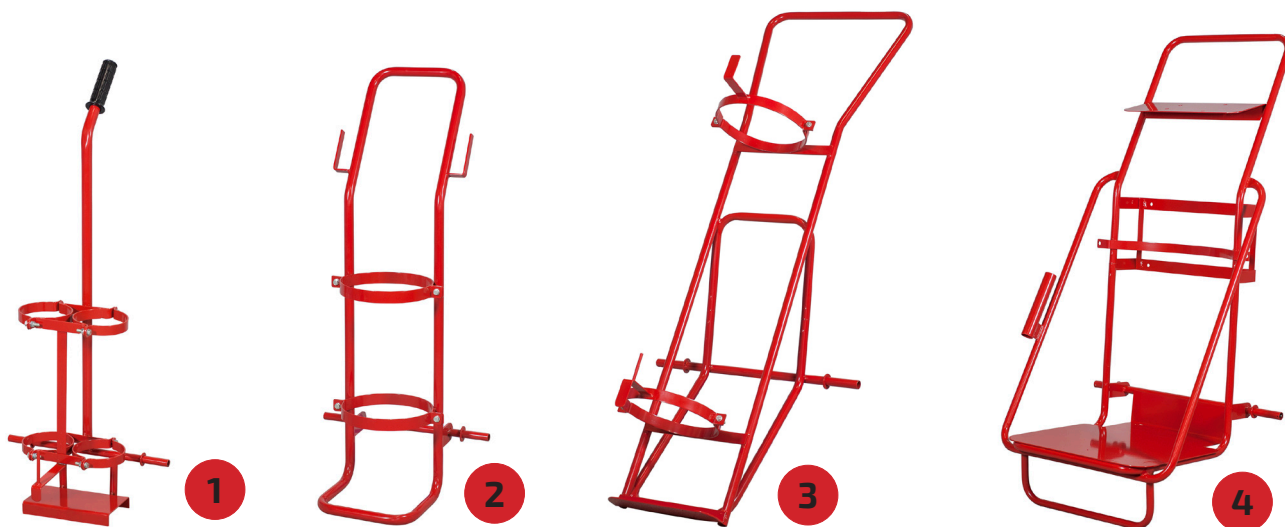
**SANDBRING BUCKET**



Code	Dimension
0126	ø 160 x 465H mm

with cap and clip for installation

**CYLINDER FRAMES**



N	Code	Description	Type	Optional
1	18488	For 2 Cylinder CO2 KG 5	Extinguisher CO2 10 Kg	0124 (wheel)
2	0123	For Cylinder diameter 232	Wheeled extinguisher CO2 20-30 Kg	0124 (wheel)
3	18487	For Cylinder diameter 267	Wheeled extinguisher CO2 50 Kg	0125 (wheel)
4	1692	For foam drum	Mobile group 100-200 Liters	0125 (wheel) - 1968-1 (box)

**WHEELS FOR TROLLEY**



N	Code	Diameter	Hole	Use for
1	0124	300 mm	Ø 20 mm	Powder extinguishers up to 50 kg - CO2 up to 30 kg
2	0124V	300 mm	Ø 20 mm	Foam extinguishers up to 50 L
3	0125	400 mm	Ø 25 mm	Powder/foam extinguishers over 50 kg/L - CO2 50 kg - foam mobile group
4	1686	100 mm		Front for 150 kg/L

**REFILLS FOR PORTABLE AND WHEELED EXTINGUISHERS**

Extinguishing powder for fire extinguishers and systems. Always consult the technical data sheets of the fire extinguishers to identify the correct extinguishing agent to use. Be careful to specify when ordering, the brand of the extinguishing agent manufacturer and the type of packaging.

Certified recycled powder 100% eco-sustainable

**Eco-sustainable ABC powder map 30**

Code	Packaging	Manufacturer
2589-1	25 Kg (drum)	New Tech Lab
2589	1000 Kg	New Tech Lab

This powder has achieved certification by **Milieukeur** as eco-friendly product in accordance of European Green Deal



1000 Kg packaging example



25 Kg packaging example

**ABC Powder map 20**

Code	Packaging	Manufacturer
18462P	25 Kg	Prophos
18462Q	25 Kg	Quimica 21
18462R	25 Kg	Rhul
18461P	1000 Kg	Prophos
18461Q	1000 Kg	Quimica21
18461R	1000 Kg	Ruhl

**ABC Powder map 40**

Code	Packaging	Manufacturer
0351P	25 Kg	Prophos
0351Q	25 Kg	Quimica 21
0351R	25 Kg	Rhul
0352P	1000 Kg	Prophos
0352Q	1000 Kg	Quimica 21
0352R	1000 Kg	Ruhl

**ABC Powder map 90**

Code	Packaging	Manufacturer
0353P	25 Kg	Prophos
0353Q	25 Kg	Quimica 21
0354P	1000 Kg	Prophos
0354Q	1000 Kg	Quimica 21

**Special Powder**

Code	Packaging	Type
2052	25 Kg	BC potassium bicarbonate powder
2050R	25 Kg	BC potassium bicarbonate powder
2051R	25 Kg	BC potassium sulphate powder
0356P	25 Kg	D powder

**REFILLS FOR PORTABLE AND WHEELED EXTINGUISHERS**

Foam additives used on fire extinguishers used in our fire extinguishers are all 97% biodegradable additives in a maximum time of 14 days. It is recommended to pay close attention to the choice of the suitable foam according to the technical data sheet and/or in the extinguisher marking label.

**Lith-M**

Specific refill bottle for extinguishers suitable on lithium batteries

**Ready to use refill**

Code	Quantity	Type
2054-1L	6 liters	Lith-M 10
2594-1L	6 liters	Lith-M FX
1624-1L	25 liters	Lith-M 2



**Warning:** the products are already ready for use. The contents must not be mixed with other substances.

**Concentrated foamer**

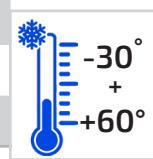
Code	Quantity	Type
1470-1	1 liters	Emme Waterfoam B - class B additive (SC-6)
2144-1	3 liters	Emme Waterfoam B - class B additive (SC-6)
1834-5	25 Kg	EWAB 1 (SC-6)
8765-1	25 Kg	EWA (Inilam AX)



**Warning:** the products are not ready to use. Pay attention at the use and maintenance manual for the specific of individual components.

**Ready to use foamer**

Code	Quantity	Type
2055-6	6 liters	Microfiltered water
2055-7	9 liters	Microfiltered water
1658	1 liters	Emme Waterfoam -30 (Premix MG6-30)
1623	6 liters	Emme Waterfoam -30 (Premix MG6-30)
1624	25 Kg	Emme Waterfoam -30 (Premix MG6-30)
2054	6 liters	Emme Waterfoam 6 (AFFF 6)
1470-5	1 liters	Emme Waterfoam AB15 (Inilam AX + SC-6)
2054-2	3 liters	Emme Waterfoam AB15 (Inilam AX + SC-6)
2054-1	6 liters	Emme Waterfoam AB15 (Inilam AX + SC-6)
2055-1	9 liters	Emme Waterfoam AB15 (Inilam AX + SC-6)
2054-9	6 liters	Emme Waterfoam B (SC-6)
2054-11	6 liters	Emme Waterfoam AB1
2594-1	6 liters	Fluorine free foam (FFX 150)
2594-2	25 Kg	Fluorine free foam (FFX 150)
9598-1	25 Kg	Emme Waterfoam AB1 (Inilam AX + SC-6)
9598-3	25 Kg	Emme Waterfoam AB15 (Inilam AX + SC-6)



**Warning:** the products are already ready for use. The contents must not be mixed with other substances.

**ACCESSORIES FOR MAINTENANCE**

**TORQUE WRENCH FOR LOW AND HIGH PRESSURE EXTINGUISHERS**

**Tightening from 20 to 100 NM**



with ratchet code 0463-4

Type	Code
Wrench with tightening scale from 20 to 100 NM	0462-1

**CONNECTIONS TO USE WITH WRENCH code 0462-1**



Type	Code
Specific connection for Levian valve with neck ring M25, portable CO <sub>2</sub> 2/5 Kg	0465-4
Specific connection for valve with neck ring M30, powder/foam portable 1/2 - Kg/L	0463-3
Specific connection for valve with neck ring M30, powder/foam portable 3/4/6/9/12 - Kg/L	0463

Type	Code
Specific connection for valve with neck ring M45, powder/foam portable	0463-2
Specific connection for valve with neck ring M58, powder/foam portable	0463-1



Type	Code
Specific connection for valve with neck ring M74, powder/foam portable	0463-5
Specific connection for valve with neck ring 2", powder/foam wheeled	0464

**Tightening from 60 to 300 NM**



(LAT certification on request)

Type	Code
Wrench with tightening scale from 60 to 300 NM	0462-3

**CONNECTION TO USE WITH WRENCH code 0462-3**

Type	Code
Specific connection for valve CPF, portable CO <sub>2</sub> 2/5 Kg, 30 mm	1614-1



Periodic checks of the instruments are carried out as recommended by the UNI standard

**ACCESSORIES FOR MAINTENANCE**

**MANUAL KEY TO DISASSEMBLY PORTABLE EXTINGUISHER VALVES**



**Code** 0412

**KEY FOR CONTROL VALVE**



**Code** 0411-1

**MANUAL KEY TO DISASSEMBLY WHEELED EXTINGUISHER VALVES**



**Code** 1970

**MAINTENANCE BAG**

only empty bag: code 8448



**Code** 1703

**LEAK DETECTOR TO CHECK HERMETIC SEALING**



**Code** 1119

**INSPECTION LAMP**



**Code** 0413-1

Equipment: 1 brush, 2 screwdrivers, 1 dynamometer, 1 rubber hammer, 1 drilling machine, 1 universal pipe clamp, 1 hex wrench, 1 meter, 3 sets of gaskets, 1 set safety plug, 1 set seals.

**Maintenance tag on request**

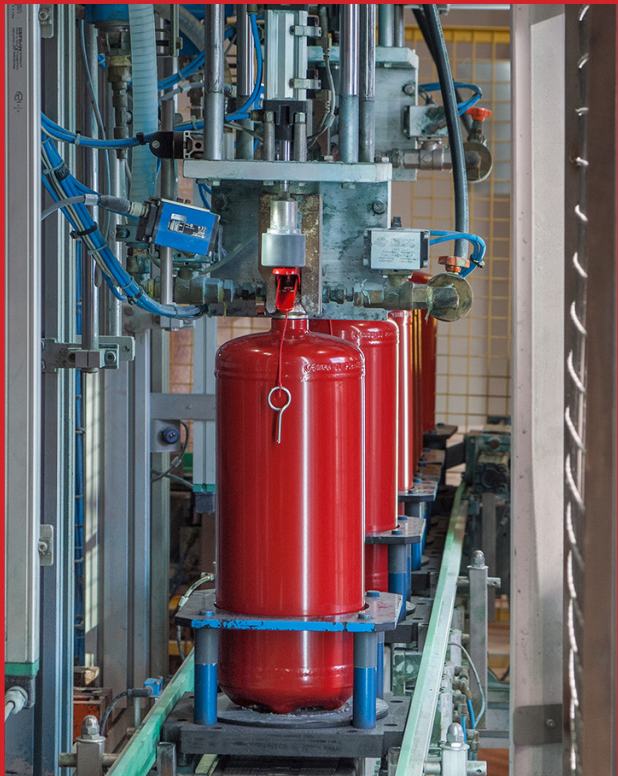
**LOGO PERSONALIZZATO**

CARTELLINO DI MANUTENZIONE ESTINTORE D'INCENDIO			
<input type="checkbox"/> PORTATILE	<input type="checkbox"/> CARRELLATO	<input type="checkbox"/> DISPOSITIVO	<input type="checkbox"/>
<input type="checkbox"/> POLVERE	<input type="checkbox"/> CO <sub>2</sub>	CARICA EFFETTIVA : Kg/Lt	
<input type="checkbox"/> SCHIUMA	<input type="checkbox"/> ACQUA	MASSA LORDA : Kg	
DATA DI PRODUZIONE DELL' ESTINTORE :		NUMERO MATRICOLA :	
REVISIONE PROGRAMMATTA : ULTIMA / PROSSIMA		REVISIONE GENERALE : ULTIMA / PROSSIMA	
Cliente _____			

CONTROLLO PERIODICO = CP			REVISIONI PROGRAMMATE = RP			REVISIONI GENERALI = RG					
Giorno	Mese	Anno	DATA ULTIMA ATTIVITA' DI MANUTENZIONE			TIPO ATTIVITA' DI MANUTENZIONE			TECNICO MANUTENTORE		
			CP	RP	RG	IDENTIFICATIVO E FIRMA					

**DATA PRESA IN CARICO MANUTENZIONE**

Si dichiara che questo dispositivo è revisionato secondo le normative vigenti. La validità del presente cartellino cessa in caso di manutenzione o manutenzione effettuata da personale non autorizzato o effettuando ricambi con pezzi di ricambio non originali.



**HIGH PRESSURE CYLINDERS**



**FILLED NITROGEN CYLINDERS  
COMPLETE WITH  
PROTECTIVE CAP AND  
HANDWHEEL VALVE**



Code	Cylinder Diameter	Charge	Volume	Note
18516	103.5 mm	70 BAR	3 L	
18517	103.5 mm	90 BAR	3 L	
18523	103.5 mm	110 BAR	3 L	
18515	103.5 mm	180 BAR	3 L	
1379	140 mm	300 BAR	5 L	T - PED
1380	176 mm	300 BAR	14 L	T - PED
1278	203 mm	200 BAR	27 L	T - PED



**FILLED CO2 CYLINDERS  
COMPLETE WITH  
PROTECTIVE CAP AND  
HANDWHEEL VALVE**



Code	Cylinder Diameter	Tot. Height	Charge	Vol.	Note
18519	103.5 mm	610 +/-10 mm	1.2 Kg	3 L	For wheeled auxiliary pressure extinguishers
18518	103.5 mm	610 +/-10 mm	2 Kg	3 L	For wheeled auxiliary pressure extinguishers
1774	116 mm	472 +/-10 mm	2 Kg	3 L	Food use
1774R	116 mm	472 +/-10 mm	2 Kg	3 L	Food use - residual valve
1370	136 mm	590 +/-10 mm	4 Kg	5,4L	Food use
1370R	136 mm	590 +/-10 mm	4 Kg	5,4L	Food use - residual valve



**ACCESSORIES FOR MAINTENANCE**

**PLASTIC PROTECTION CAP FOR CO<sub>2</sub> CYLINDER**



**Code 0096**

**CLOSED PROTECTION CAP FOR NITROGEN Cylinder**



**Code 18493**

**IRON PROTECTION CAP FOR CO<sub>2</sub> CYLINDER WITHOUT THREAD**



**Code 8623-1**

**PRESSURE REDUCER FOR NITROGEN UP TO 50 BAR**



**Code 1178-1**

**PNEUMATIC PLIER COMPLETE WITH FITTINGS**



Lured cone coe 5000

**Code 0461**

**PVC SAFETY PLUG FOR HANDWHEEL VALVES**



**Code 0206**

Confezione 50 pz.

**PRESSURE GAUGE KIT**

(LAT certificate on request)

**Code 0453**



PROVIDED WITH:

- plastic case
- pressure gauge case in glycerine bath
- connection M 10x1
- connection 8V1 (for valve with external system check)

Periodic checks of the instruments are carried out as recommended by the UNI standard



ACCESSORIES FOR MAINTENANCE

FIRE-FIGHTING REGISTER



Tool that allows companies to have an always updated status of the effectiveness of the various fire prevention devices present within the activities.

- Compliant with italian decree 01/09/2021
- Contains models for taking charge activities and surveillance activities
- All companies with fire protection devices must have an inspection register

Code

0080-2

REGISTER OF TECHNICAL INTERVENTION REPORTS



Document that the maintenance technician must draw up at the end of maintenance to inform the manager about the efficiency of the fire-fighting equipment.

Duplicate pad in tracing paper

Code

0080-3

ABS BOX FOR DOCUMENTS (SEALABLE)



Code	0952A
Dimension	260x325x45mm

STEEL BOX FOR DOCUMENTS (WITH KEY)



Code	0951DK
Dimension	250x350x76mm



Code	0407	0408	0408-1	0446	0405	1372
Thread	1/8 M	1/4 M	M 14x1.5	3/4 F	Round hole 5 mm	
For:	VALVE M30 KG/L 1/2	VALVE M30 KG/L 3/4/6/9/12	VALVE M58	VALVE 2" KG/L 25/30/50/100	DRILLING MACHINE	DRILLER HOLSTER IN BLACK LEATHER CRUST

PORTABLE BALANCE



Code	0438
Max capacity	150/300 Kg
Division	50/100g
Dimension	900x550x80mm
(LAT certificate on request)	

PROGRAMMABLE ELECTRONIC BALANCE WITH COLUMN



Code	0424
Max capacity	30/60 Kg
Division	2/5g
Dimension	300x400x750mm
(LAT certificate on request)	

PORTABLE ELECTRONIC DYNAMOMETER



Code	0415
Max capacity	25/50Kg
Division	20/50g
Dimension	90x30x280mm
(LAT certificate on request)	

**VARIOUS ACCESSORIES**

**STAINLESS STEEL FIRE FIGHTING TEAM TRAINING SIMULATOR**



Code	Dimension
1386-1	720x720 mm
1386	960x960 mm

Fire simulator, essential for carrying out practical tests for staff training in the use of extinguishers. Made of AISI 304 stainless steel.

**LANCE FOR IGNITION OF FIRE FIGHTING COMPLETE WITH CYLINDER**



Code	0359	Code	0360
Diameter	905 mm	75 cm. long rod with built-in piezoelectric ignition. Equipped with non-slip handle.	

**GAS CYLINDER FOR IGNITION (with 330g gas)**



Code	0361
------	------

**RUBBER PIPE FOR GPL 8X13 10 BAR 5 Meters**



Code	1757
------	------

**THERMOCOUPLE FOR SIMULATOR**



Code	1759
------	------

**STAINLESS STEEL CONTAINER FOR FIRE SIMULATOR IGNITION**



Code	0359-1
------	--------

**GPL REGULATOR FOR SIMULATOR**



Code	1760
------	------

**SAFETY VALVE FOR SIMULATOR**



Code	1758
------	------



**FAMILY 05**



SYSTEM FOR THE CHARGING OF PORTABLE AND WHEELED POWDER, FOAM AND CO2 EXTINGUISHERS IN ADDITION TO TESTING THE POWDER AND FOAM Cylindres. ALSO PROVIDES THE WATER AND DRY TESTING OF THE UNI 25-45-70 PIPES..

Our company, leader in the production and maintenance of fire extinguishers of any type, demonstrated by the commercial success of its products and by the UNI EN ISO 9001 certification, is pleased to present the FAMILY 05 system. It is an innovative equipment intended to revolutionize the world of maintenance, review and testing (excluding internal cylinder) both in fixed location and directly at home of any type of powder, CO2, foam extin- gisher as well as UNI 25-45-70 hoses in full compliance with all the prescriptions provided by the UNI 9994 standard for the maintenance and testing requirements of fire extinguishers and, in the execution of maintenance and testing operations, as reported by the DL 81/08. The FAMILY 05 offers a home service and can be installed in any type of van for maintenance, with a quality previously obtainable only and exclusively with services performed in a fixed location and through the use of various and bulky equipment. In this way, we allow you to significantly reduce maintenance costs and increase the efficiency of your service, thus increasing the appeal of your offer to the customer.

<b>Code</b>	<b>0440</b>
Overall dimensions	1190mm L x 580mm D x 1450mm H
Weight	~ 280 Kg.
Alimentation	220 Vca - 50/60 Hz
Absorbed power	Max 3 KVA
Max. noise level	70 dB (A)

**MACHINES**

**METALLIC CYLINDER FOR COLLECTING POWDER**



**Code 9430**

Metallic Cylinder for collecting powder. Equipped with carrying handles and quick disassembly lid. Maximum capacity 25 kg. Suitable for output for codes 1317-1319-9628 ( bag not included ). Dimension; ø 400 x 600mm

**Code 1643**

Metal Cylinder equipped with a special filter for pressure release. Allows you to unload max 25 kg powder directly from the pressurized extinguisher ( bag not included ) Dimension: ø 400 X h 650mm



**MACHINERY FOR EMPTYING THE EXTINGUISHER IN 1000KG BIG BAG**

**Code 9478**



Modular metal structure for emptying pressurized extinguishers directly into 1000 kg big-bags. Equipped with 3 powder filters for pressure release without environmental pollution, high pressure hose with quick connections for portable and wheeled fire extinguishers. Dimension: 1300x1000x1400H mm

**MACHINES**

**EQUIPMENT FOR LOADING AND EMPTYING CylinderS FOR POWDER EXTINGUISHERS**

Code	Dimension
1317	H1780xL500xD800
1319	H1780xL500xD570

Equipment that allows the loading any Cylinder for both portable and wheeled powder extinguishers.

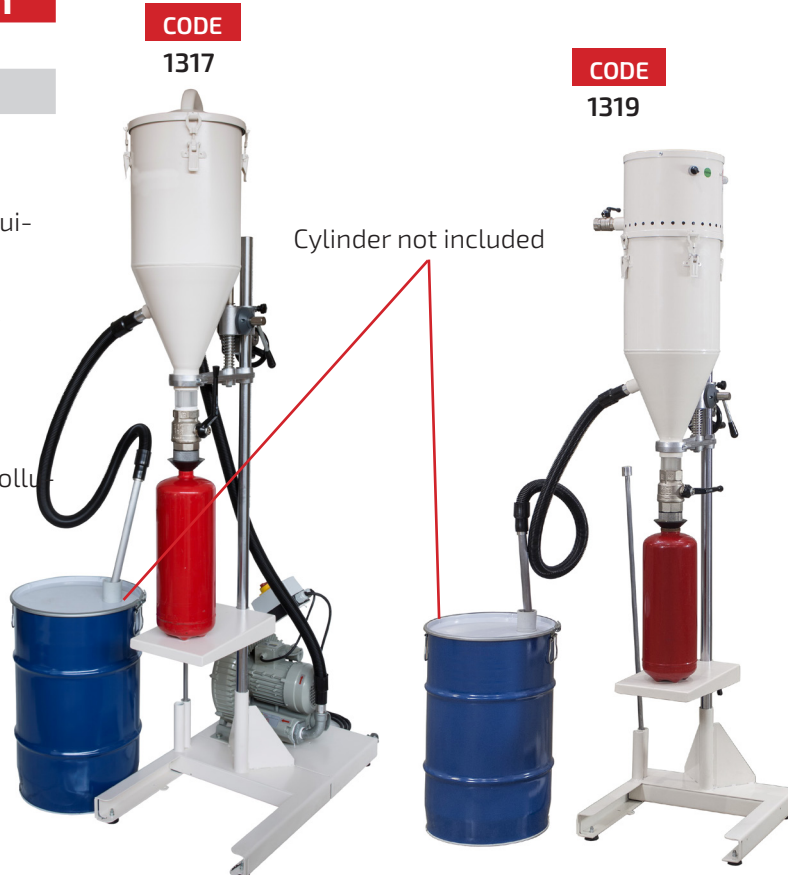
They can also be transported on vehicles with the possibility of adapting to equipped vans.

Silent and extremely simple to use, with an almost unlimited operating conditions allow a any type of work without environmental pollution by dust.

220V industrial type power supply.

**Note:**

**They also carry out emptying but it is recommended not do it.**



Recommended for use in a vehicle

**EQUIPMENT FOR FILLING PORTABLE AND WHEELED POWDER EXTINGUISHERS**

Code	1319-2
Dimension	H1450xL530xD450

Filling system for portable and wheeled fire extinguishers with automatic weight control for portable ones. While for the wheeled ones, without further accessories, with the aid of an external scale, not connected to the system (not included in the machinery).

The equipment can be used as a powder reserve 25 kg bags and 1000 kg Big Bags without causing environmental pollution by dust. Typical feeding industrial 220V.

**Note:**

**They also carry out emptying but it is recommended not do it.**



**MACHINES**

**WHEELED POWDER TRANSFER KIT FOR MACHINE 1317-1319**

**Code**

**9628**

Powder transfer accessory away from the machine loader. The operation happens in the following way: Place the rubber cone on the Cylinder load, connect the flexible hose to the connection side of the Venturi cone, turn on the engine and vacuum the dust through the flexible hose positioned above the Cone. The conical rubber part can be unscrewed and applied directly to the machine.



**DELIVERY PIPE FOR CO2 PUMP**

**Code**

**2841-1**

Pipe length	2000 mm
Connection	1/4 FDG

Delivery pipe in 1/4" PTFE for pump power supply, complete with tap and special fitting 21.7 with cables safety.



**EQUIPMENT FOR CHARGING CARBON DIOXIDE EXTINGUISHERS**

**Code**

**1192**

Dimension	H2100xL800xD600
Weight	45 Kg
Power supply	220v 3p

Equipment that allows you to load fire extinguishers or carbon dioxide cylinders by compressing the CO2 high pressure liquid directly inside the cylinder. They can be used for cylinders or Cylinders from 0.2 to 45 kg capacity. It has a quick universal connection equipped with residual CO2 vent. 220V industrial type power supply.



**EQUIPMENT FOR FILLING PORTABLE FOAM EXTINGUISHERS**

**Code**

**2873**

Dimension	H2100xL800xD600
Empty Weight	105-140 Kg
Filling speed	6 L premixed in ~ 45 sec.

Stainless steel equipment to dose the quantity of foam to be introduced into the fire extinguisher. Ability to mix water and foaming additives to create extinguishing mixtures. Can be also used with already premixed product thanks to the possibility of connecting up to a maximum of 4 ingredients including water at the same time. 220V industrial type power supply.

**MACHINES**

**MANUAL BENCH VICE**

Casing tightening in vertical position  
*Ideal for low pressure fire extinguishers*

**Code 1193**



Morse manuali per lo svitamento e il serraggio di estintori portatili.

Diametri serrabili: da 70 a 190 mm

Casing tightening in horizontal position  
*Ideal for high pressure fire extinguishers*

**Code 1193-1**



*Ideale per l'utilizzo su piani di pesatura*

**PNEUMATIC FLOOR VICE**

The pneumatic base clamps securely lock the Cylinder, allowing you to unscrew and tighten the valve of any portable fire extinguisher. The clamping power is adjustable and visible through the pressure reducer, equipped with condensate recovery. 8 bar compressed air supply.

**For low pressure extinguishers**

**Code 2158**

Dimension	H.1000xL.800xD.270
Clampable diameters	from 80 mm to 260 mm



**For high pressure extinguishers**

**Code 1315**

Dimension	H.1100xL.1200xD.700
Clampable diameters	from 80 mm to 320 mm



**MACHINES**



**Code**

1534-6

**EQUIPMENT ON MULTIFUNCTION PNEUMATIC WHEELS FOR TESTING CYLINDERS AND FIRE HOSES**

Multifunction pneumatic unit for testing and drying pipes fire prevention and fire extinguishers at max 60 bar. Entirely made of stainless steel and equipped with two wheels that facilitate transport. Air supply 4 bar max, 25 liter water reserve Cylinder. Equipped as standard with UNI45 sponge for drying, a type "A" hydrant wrench, a sponge recovery cage. Weight ~35 Kg. Dimensions H.1000xD.600xL.600 mm.

**Code**

**Accessories**

1534-61	Low pressure portable fire extinguisher testing kit
1534-62	Low pressure wheeled fire extinguisher testing kit
1534-63	UNI 70 hose testing kit
1534-64	UNI 25 hose testing kit
1534-65	From Pump to system, connection kit

**PUMPS FOR TESTING EXTINGUISHERS AND HOSES**

**MANUAL**

Red  
Painting  
Steel

**Code**

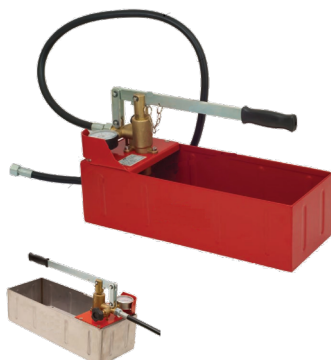
1998

Stainless  
Steel

**Code**

1998-2

Max pressure 40 bar , with high pressure flexible pipe and 1/2" F fitting, Cylinder capacity 12 liters.



**ELECTRIC**

**Code**

1998-3

Max pressure 50 bar, with pressure regulator and flexible pipe for connection to the waterworks



M30x1,5 fitting, for test of cylinder (code 1998-4), included  
UNI 45 and UNI 70 hose fitting: code 1998-5 (optional)

**EQUIPMENT ON WHEELS FOR DRYING CYLINDERS AND FIRE HOSES**

**Code**

**5002**

Dimension H.1000xD.670xL.130

Weight ~ 57 Kg

Power supply 220V - 1,1, Kw -50Hz

Transportable equipment for drying Cylinders and fire hoses. Equipped with Delta T +30/40° C from room temperature, it allows quick drying of fire-fighting equipment subjected to testing with water.

It can dry the Cylinders at the same time, or a fire hose. Drying times depending on environmental conditions.

*\*Wheeled drying kit not included*

