



**EMME ANTINCENDIO**  
***A LIFE IN THE SERVICE OF SAFETY***





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# FIREFIGHTING



## VOLUNTARY PRODUCT CERTIFICATION



**Certificato di Conformità**

Rilasciato a  
**EMME ANTINCENDIO SRL**  
 SEDE LEGALE  
 Viale Giacomo Matteotti, 9  
 50121 FIRENZE (FI)  
 SEDE OPERATIVA  
 Via Del Molino, 40 – Fraz. Corsalone  
 52010 CHIUSI DELLA VERNA (AR)

Bureau Veritas Italia S.p.A. - Divisione Certificazione certifica che  
 i seguenti prodotti:  
**ESTINTORI PORTATILI E CARRELLATI A POLVERE-SCHIUMA-ANIDRIDE CARBONICA  
 RICHIAMATI AL CAP. 5 DEL DISCIPLINARE DI EMME ANTINCENDIO DP-01 REV. 4**

Sono stati valutati e giudicati conformi ai requisiti specificati nei  
 documenti:  
**DISCIPLINARE DI EMME ANTINCENDIO DP-01 Rev. 4 del 27/02/2014**

In relazione alle seguenti caratteristiche:

- Acquisto di agenti estinguenti (Polvere, Schiuma, Co2) provenienti da produttori Italiani ed Europei con stabilimenti siti in un Paese dell'Unione Europea e presenti nell'elenco dei Fornitori Qualificati.
- Esecuzione delle fasi di assemblaggio estintori e collaudo eseguito in Italia nello Stabilimento EMME ANTINCENDIO SRL di Corsalone come da dettaglio richiamato nel Disciplinare DP-01 Rev. 4

Certificazione rilasciata in conformità a:  
**REG-02 – Rev. 04 "REGOLAMENTO  
 PER LA CERTIFICAZIONE DI PRODOTTO/PROCESSO/SERVIZIO  
 I & F BUREAU VERITAS ITALIA"**

Data inizio validità: 27/02/2015  
 Scadenza: 26/02/2018

La validità del presente certificato è subordinata a sorveglianza periodica delle condizioni di produzione  
 e controllo ed è consultabile sul sito web: [www.certification.bureauveritas.it](http://www.certification.bureauveritas.it)  
 Ulteriori chiarimenti riguardanti l'oggetto di questo certificato possono essere acquisiti contattando  
 l'Intestatario del presente certificato.

  
**LODOVICO JUCKER – Local Technical Manager**

Data: 27/02/2015  
 Certificato N°: 876/001



The voluntary Product Compliance Certification stems from Emme Antincendio S.r.l.'s need to position, enhance, and differentiate its products on the global market, guaranteeing customers products designed, manufactured, and tested at various stages of the production cycle.

The Product Specification for Defined Characteristics for sample testing is implemented in order to define the requirements for assembling extinguishers, using fire extinguishing agents produced by primary suppliers with plants located in an EU country, and checking the tightening torque of the tank valve of portable and wheeled powder, foam, and CO2 fire extinguishers built in Italy for Product Certification by an independent body. Our company goal is to enhance the high safety level of our

products, create added value, highlight the qualitative characteristics of extinguishing agents purchased from Italian and European industry leaders, generating confidence and transparency with its customers. The Product Conformity Certification will be highlighted on Emme Antincendio products by applying a certified product label in accordance with Specification DP-01 rev.4.

**Certificazione Volontaria di Prodotto**

**BUREAU VERITAS ITALIA S.p.A.**  
**Certification**

Caratteristiche definite:  
 - Acquisto di agenti estinguenti di provenienza Europea  
 - Linea di assemblaggio estintori eseguita nello stabilimento  
 EMME ANTINCENDIO S.r.l. Via del Molino, 40 - Corsalone (AR) - ITALIA

**Certificato n. 876/001**  
**Estintore certificato in conformità al Disciplinare DP-01 Rev.3**

Z2280

The Product Compliance Certification is our added value...



**FIRE CLASSES ARE DEFINED AT EUROPEAN LEVEL BY EN2 AND EN3 NORMS AND THEY BECOME DETERMINED WITH EXAMINATIONS BY MENTIONED RULES**

## DIFFERENT KIND OF FIRE EXTINGUISHERS FOR DIFFERENT NECESSITIES

Fire extinguishers are not all the same, but they can modify themselves based on the kind of fire extinguishers, on the productive type in order to identify what kind of fire class based on the kind of flammable we are into.

Fires could be divided in **5 classes**, according to the features of fuel materials, determined by the standard **UNI EN 2:2005**.

This classification is useful, particularly in the branch of the struggle through extinguishers against fires. The classification of fires is quite another thing that theoretical, such as the classification permit to identify the class of the risk that correspond an accurate fire prevention action and an appropriate choice about what kind of extinguishing; this is because **not all extinguishing substances can be indifferently employed above all kinds of fires**. The Law do not define a class fire with an electrical risk.



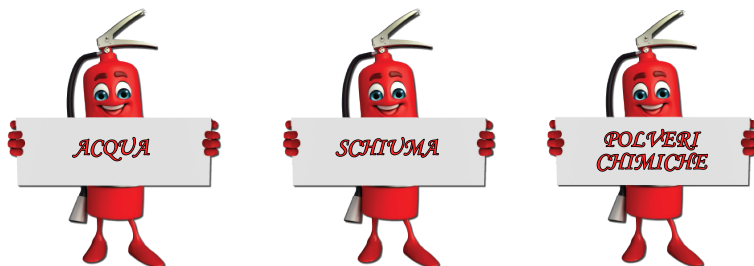
### CLASS A

### FIRES FROM SOLID MATERIALS

Fires of **solid materials- solid fuels**

**SOLID FUELS** (wood, paper, carbon, shavings, leather, rubber and derived, etc ...). The combustion manifest itself with the consumption of fuel frequently and often, luminescent like embers, and with a low emission of flame. In this case must mainly intervene with water-based extinguishing to cool down the fuel otherwise with chemical dust that inhibit the formation of substances measures to maintain the act of combustion.

#### EXTINGUISHING AGENTS



### CLASS B

### FIRES FROM FLAMMABLE LIQUIDS

Fires from **liquids or liquefiable solids – Liquid fuels**

**FLAMMABLE LIQUIDS** (petrol, diesel, alcohol, etc...)

They disclose the highest calorific power and are used both in internal combustion engines, in heating systems, and in various types of cleaning products. The indicator of major and minor combustibility of a liquid is provided by the temperature of flammability. It must act, seeking the separation of fuel and combustible, using for example, the effectiveness of foam.

#### EXTINGUISHING AGENTS





## FIRE CLASSES

### CLASS C

### FIRES FROM FLAMMABLE GAS

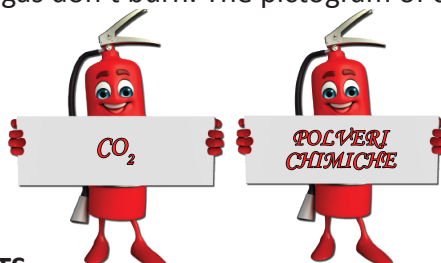


Fires of **inflammable gas** – gaseous fuels.

INFLAMMABLE GAS (propane gas, methane, hydrogen, etc...)

This fuel's characteristic is not to possess their shape or volume. Combustible gases are very dangerous if combined in air, with the opportunity available to generate explosions. The extinguish action shall be exercised through the action of cooling, of separation of the mixture of gas-air. Indeed, beyond well-defined proportions of blending, the fuel gas don't burn. The pictogram of class C must be applied only on powder fire extinguishers with a stamp indicating the class C eligibility, only in extinguishers that have passed the class B shut-off test or that have passed the class A and B shut-off test.

#### EXTINGUISHING AGENTS



### CLASS D

### FIRES FROM FLAMMABLE METAL



Fires of **flammable metals**.

Flammable metals (magnesium, potassium, sodium, etc...)

Class D fires referring to very special kind of solid's reaction, mostly metals, that have the characteristic to interact, violently too, with common methods of extinguishing, in particular with water. The most common combustible elements which give rise at this combustible category are: light alkali earth metals which magnesium, manganese, aluminium (the last one only in powder), alkali metals which sodium, potassium, lithium. Are classified as fires of this category, peroxides, chlorinated and perchlorates reactions too. This class of fires doesn't provide for shut-off test to determinate the capability of extinguishing. Only trained and qualified personnel can use this kind of fire extinguishers.

#### EXTINGUISHING AGENT



### CLASS F

### FIRES FROM OILS AND FATS

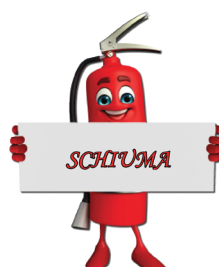


Fires of **animal or vegetable oils and fats**.

Fires that involving means of cooking, cooking oil and animal or vegetable oils and fats, in domestic cooking appliances: introduced by the UNI EN 2:2005 standard; in accordance with the rules concerning regulatory measures, the standard EN2 have "the standard status of Italian national", which means duties of compliance and observance. The standard UNI EN 3-7:2008 specifies that powder fire extinguishers and those CO2 should not be used for class F fires and their use of such fires is considered dangerous. For this reason the abovementioned fire extinguishers do not require to be tested according to the standard UNI EN 3-7:2008 and they must not be marked with class F pictogram.

The D.M. 3/8/2015 provides for the fire's class F for new local and renovations of them, existing subjects of C.P.I.

#### EXTINGUISHING AGENT





# PORTABLE POWDER EXTINGUISHERS

## UNI EN 3-7 - D.M. 7/1/2005

Portable powder extinguishers are first response extinguishing devices suitable for incipient fires. Given their reduced size and weight, which may not exceed 20 kg, they are easy to use to prevent far more disastrous consequences.

**Emme Antincendio portable fire extinguishers meet the requirements of standard UNI EN 3-7** adopted by Italian ministerial decree 7.1.2005, which outlines the features, performance requirements, and test methods.

**Suitable for fire classes A-B-C**, the extinguishing action of Emme Antincendio portable powder extinguishers is mainly due to suffocation, cooling, and chemical inhibition; the action is guaranteed by the quality of the materials used and the high efficiency of extinguishing powders.



PED 2014/68/UE



8



34



21010

Minimum pack  
10 Pz.

Technical specifications		
Code	21010	21021
Price		
Model	Emme 1A	Emme 2A
Fire Class	8A-34BC	13A-89BC
Load	1 Kg	2 Kg
Extinguishing agent type	ABC powder	ABC powder
Weight	2,1 Kg	3,7 Kg
Tank diameter	85 (mm)	110 (mm)
Height	338 (mm)	380 (mm)
Operating temperature	-20° +60°	-20° +60°



PED 2014/68/UE



13



89



21021

Minimum pack  
8 Pz.

### INCLUDED

#### WIRE STAND



CODE	Description	Price
0326	diam. 85	
0327	diam. 110	



# PORTABLE POWDER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - D.M. 7/1/2005



21031



21042



13



113



21



183



### OPTIONALS

extinguisher stand



CODE

PRICE

1170

extinguisher support



CODE

PRICE

0315

### Technical Specifications

Code	21031	21042
Price		
Model	Emme 3A	Liguria 4
Fire Class	13A-113BC	21A-183BC
Load	3 Kg	4 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	5,4 Kg	6,5 Kg
Tank diameter	130 (mm)	130 (mm)
Overall height	570 (mm)	570 (mm)



**21063-30**

The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

For the complete range of accessories look up the specific sections.

OPTIONALS

Technical Specifications	
Code	21063-30
Price	
Fire class	34A - 233BC
Load	6 Kg
Extinguishing agent type	ABC Powder
Overall weight	9,4 Kg
Tank diameter	160 (mm)
overall height	645 (mm)
Operating temperature	-30° +60°

Polypropylene sup- port		Extinguisher stand	
CODE	PRICE	CODE	PRICE
2174-1		0456	



# PORTABLE POWDER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - D.M. 7/1/2005



The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

Easy maintenance thanks to the external check valve for pressure control.

**21063-40**

### OPTIONALS

Extinguisher pedal		hose-holder	
CODE	PRICE	CODE	PRICE
0459		0301	

For the complete range of products look up the specific sections.

Technical Specificatons	
Code	21063-40
Price	
Fire Class	34A - 233BC
Load	6 Kg
Extinguishing Agent Type	ABC Powder
Overall Weight	9,4 Kg
Tank Diameter	160 (mm)
Overall Height	645 (mm)
Operating Temperature	-30° +60°



**M6 / EMME 6**

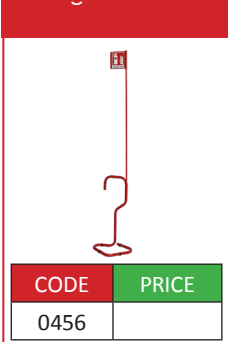
**M6 EXPO**

For the complete range of products look up the specific sections.

Technical specifications					
Code	21063	21063-1	21063-7	21063-74	21063-78
Price					
Model	M6	Emme 6		M6 Expo	
Fire class	34A-233BC			34A - 233BC	
Load	6 Kg			6 Kg	
Extinguishing Agent Type	ABC Powder			ABC Powder	
Overall weight	9,4 Kg			9,5 Kg	
Tank diameter	160 (mm)			160 (mm)	
Overall height	645 (mm)			620 (mm)	
Fitted in Stand	YES	YES	YES	NO	
Operating temperature	-20° +60°		-30° +60°	-30° +60°	

OPTIONAL

Extinguisher stand



CODE	PRICE
0456	



# PORTABLE POWDER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - D.M. 7/1/2005



The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

Easy maintenance thanks to the external check valve for pressure control.

**21064-40**

### OPTIONALS

Extinguisher sign 120 mm		Polypropylene box	
CODE	PRICE	CODE	PRICE
F0011600A		1668	

For the complete range of products look up the specific sections.

Technical Specifications	
Code	21064-40
Price	
Fire Class	43A - 233BC
Load	6 Kg
Extinguishing agent type	ABC Powder
Overall weight	9,4 Kg
Tank diameter	160 (mm)
Overall height	575 (mm)
Operating temperature	-30° / +60°

# PORTABLE POWDER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - D.M. 7/1/2005



43



233



55



233



21064-2

21065-3

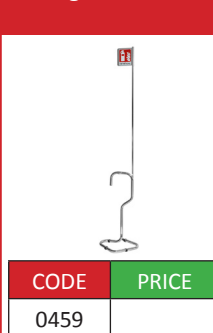
Available on demand with the three-weld casing Cod. 21064-4 / 21064-5

### Technical Specifications

Code	21064-2	21065-3	21064-3
Price			
Fire Class	43A-233BC	55A-233BC	43A-233BC
Load	6 Kg	6 Kg	6 Kg
Extinguishing agent type	ABC Powder	ABC Powder	ABC Powder
Overall weight	9,4 Kg	9,4 Kg	9,4 Kg
Tank diameter	160 (mm)	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)	645 (mm)
Operating temperature	-30° / +60°	-30° / +60°	-30° / +60°

### OPTIONALS

#### Extinguisher stand



#### Extinguisher cover



CODE	PRICE
0459	

CODE	PRICE
0401	



# PORTABLE POWDER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - D.M. 7/1/2005



55



233



55



233



21095-4

21095-5

For the complete range of products look up the specific sections.

### OPTIONALS

Extinguisher stand		Polypropylene box	
CODE	PRICE	CODE	PRICE
0456		1669	

### Technical Specifications

Code	21095-4	21095-5	21095
Price			
Model			Emme 9
Fire Class	55A-233BC	55A-233BC	55A-233BC
Load	9 Kg	9 Kg	9 Kg
Extinguishing agent type	ABC Powder	ABC Powder	ABC Powder
Overall weight	13,9 Kg	14,7 Kg	14,9 Kg
tank diameter	170 (mm)	180 (mm)	190 (mm)
Overall height	650 (mm)	660 (mm)	750 (mm)
Operating temperature	-30° / +60°	-30° / +60°	-20° / +60°



55



233



55



233



21125-2

21125-3

#### OPTIONALS

Metal box

Polypropylene box



CODE

PRICE

0927A



CODE

PRICE

1669

For the complete range of products look up the specific sections.

#### Technical Specifications

Code	21125-2	21125-3
Price		
Fire Class	55A-233BC	55A-233BC
Load	12 Kg	12 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	17,6 Kg	17,7 Kg
Tank diameter	190 (mm)	180 (mm)
Overall height	635 (mm)	660 (mm)
Operating temperature	-30° / +60°	-30° / +60°



# PORTABLE POWDER EXTINGUISHERS

## CARTRIDGE - PRESSURIZED AT THE TIME OF USING UNI EN 3-7 - D.M. 7/1/2005



34



233



233



24063-3

25064-3

For the complete range of products look up the specific sections.

### Technical Specifications

Code	24063-3	25064-3
Price		
Fire Class	34A-233BC	233BC
Load	6 Kg	6 Kg
Extinguishing agent type	ABC Powder	Monnex Powder
Overall weight	10,5 Kg	10,5 Kg
Tank diameter	150 (mm)	150 (mm)
Overall height	505 (mm)	505 (mm)
Operating temperature	-30° / +60°	-30° / +60°

### OPTIONALS

Extinguisher sign  
120 mm



CODE

PRICE

F0011600A

Polypropylene box



CODE

PRICE

1668

# PORTABLE POWDER EXTINGUISHERS

## CARTRIDGE - PRESSURIZED AT THE TIME OF USING UNI EN 3-7



55



233



55



233



24095

24125

Characteristics:  
Extinguisher not under pressure  
Internal CO<sub>2</sub> pressurization tank  
Extinguisher pressurized during use

### OPTIONALS

Extinguisher sign 120 mm		Wall Support	
CODE	PRICE	CODE	PRICE
F0011600A		3036	

### Technical Specifications

Code	24095	24125
Price		
Fire class	55A-233BC	55A-233BC
Load	9 Kg	12 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	15 Kg	18,7 Kg
Tank diameter	182 (mm)	182 (mm)
Overall height	505 (mm)	680 (mm)
Operating temperature	-30° / +60°	-30° / +60°





233



25064



25094



25124

### Characteristics:

Extinguisher not under pressure

Internal CO2 pressurization tank

Special powder extinguishers class BC

Extinguisher pressurized during use

### Technical Specifications

Code	25064	25064-1	25094	25094-1	25094-2	25124	25124-1	25124-2
Price								
Fire class	233 BC	233 BC	233 BC	233 BC	233 BC	233 BC	233 BC	233 BC
Load	6 Kg	6 Kg	9 Kg	9 Kg	9 Kg	12 Kg	12 Kg	12 Kg
Extinguishing agent type	Potassium bicarbonate	potassium sulphate	potassium bicarbonate	potassium sulphate	Monnex	potassium bicarbonate	potassium sulphate	Monnex
Overall weight	10,5 Kg	10,5 Kg	15 Kg	15 Kg	15 Kg	18,7 Kg	18,7 Kg	18,7 Kg
Tank diameter	150	150	182	182	182	182	182	182
Overall height	505 (mm)	505 (mm)	505 (mm)	505 (mm)	505 (mm)	680 (mm)	680 (mm)	680 (mm)





25069



25099



25129

### OPTIONALS

Polypropylene box Polypropylene box



CODE

PRICE

1668



CODE

PRICE

1669

### Technical specifications

Code	25069	25099	25129
Price			
Load	6 Kg	9 Kg	12 Kg
Extinguishing agent type	D Powder	D powder	D Powder
Overall weight	9,5 Kg	13,9 Kg	17,6 Kg
Tank diameter	160 (mm)	170 (mm)	190 (mm)

For the complete range of products look up the specific sections.

# PORTABLE WATER EXTINGUISHERS

Foam extinguishers are utilised for the extinction of fire classes **A** and **B**.

The particularity of the foaming liquid during the extinction of fire is its chocking, which happens for a “filming effect” due to a stratus of foam-film, which spreads on the surface.

Last generation extinguishers have been thought and realized for being used in every operating temperatures, even from low temperatures like -30°C; -10°C; 0°C and +5°C.

Moreover, all the new models are suitable to the extinction of fire class F- that is a fire generated by cooking oils and animal fats- and are obligatory to install in kitchens as expected in Italy in the following decree: D.M. 3 Agosto 2015 “normative for fire prevention”.



13

22061



21

22092

## OPTIONALS

Polypropylene box		Polypropylene box	
CODE	PRICE	CODE	PRICE
1668		1669	

## Technical specifications

Code	22061	22092
Price		
Fire class	13A	21A
Load	6 L	9 L
Extinguishin agent type	Water	
Overall weight	9,9 Kg	13,9 Kg
Tank diameter	160 (mm)	170 (mm)
Overall height	545 (mm)	610 (mm)
Operating temperature	5° C / +60° C	
Casing	Plasticized	



PED 2014/68/UE



D.M. 7 Gennaio 2005



PED 2014/68/UE



D.M. 7 Gennaio 2005



8



55



40



22020



22031



13



113



40

Technical Specifications		
Code	22020	22031
Price		
Model	Dolomiti 2	
Fire class	8 A 55 B 40 F	13A 113B 40F
Load	2 L	3 L
Extinguishing agent type	EW -30	EWAB15
Overall weight	3,5 Kg	5,7 Kg
Tank diameter	110 (mm)	130 (mm)
Overall height	380 (mm)	445 (mm)
Operating temperature	-30°C + 60°C	+5°C + 60°C
Casing	Plasticized steel	Stainless steel

#### ON REQUEST

L3 CO2 Extinguisher  
Dolomiti Model with  
operating temperature  
-30° / +60°  
CODE 22031





# PORTABLE WATER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - DM 7/1/2005



PED 2014/68/UE



D.M. 7 Gennaio 2005

**CORROSION RESISTANT VALVE**



43



233



75



**\* On request code 22064-1 stainless steel casing AISI 304**



OPTIONALS

Extinguisher refill

Hose band



CODE

PRICE

2054-1



CODE

PRICE

0301



22064



### Technical specifications

Code	22064	22064-1
Price		
Model	S6 Super	
Fire class	43A 233B 75F	43A 233B 75F
Load	6 L	6 L
Extinguishing agent type	EWAB1	EWAB1
Overall weight	9,8 Kg	8,6 Kg
Tank diameter	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)
Operating temperature	+5°C + 60°C	+5°C + 60°C
Casing	Plasticised	Stainless steel



The external ring, independent from the valve poppet, helps and guarantees the perfect line-up valve-label, like in picture.

**22064-40**

### Technical specifications

Code	22064-40
Price	
Fire class	43A 233B 75F
Load	6 L
Extinguishing agent type	EWAB1
Overall weight	8,7 Kg
Tank diameter	160 (mm)
Overall height	575 (mm)
Operating temperature	+5°C + 60°C
Casing	Stainless steel

### OPTIONALS

#### Extinguisher refill



CODICE	PREZZO
2054-1	

#### Extention nozzle with hose



CODICE	PRICE
1646	

# PORTABLE WATER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - DM 7/1/2005



34



233



75

**CORROSION  
RESISTANT  
VALVE**



**22063**



43



233



75

**22064-11**

### OPTIONALS

Extinguisher refill



Extention nozzle  
with hose



CODE	DESCR.	PRICE
1623	EW-30	
8959	EW-10	

CODE	PRICE
1646	

### Technical Specifications

Code	22063	22064-11
Price		
Model	Dolomiti 6	Dolomiti 6 Super
Fire class	34A 233B 75F	43A 233B 75F
Load	6 L	6 L
Extinguishing agent type	EW -30	EW -10
Overall weight	9,8 Kg	9,8 Kg
Tank diameter	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)
Operating temperature	-30°C + 60°C	-10°C + 60°C
Casing	plasticized	





**22094**

### Technical Specifications

Code	22094
Price	*
Fire class	43A 233 B 40F
Load	9 L
Extinguishing agent type	EWABF
Overall weight	13,9 Kg
Tank diameter	170 (mm)
Overall height	610 (mm)
Operating temperature	+0°C + 60°C
Casing	Plasticized

### OPTIONAS

#### Extinguisher refill

#### Hose band



CODE

PRICE

2055-2

CODE

PRICE

0301

# PORTABLE WATER EXTINGUISHERS

## PRESSURIZED UNI EN 3-7 - DM 7/1/2005



27



233

22066



34



233

22093



### Technical Specifications

Code	22066	22093
Price		
Model	S6	Umbria 9
Fire class	27A 233B	34A 233B
Load	6 L	9 L
Overall weight	9,8 Kg	13,9 Kg
Extinguishing agent type	EW 6	EW 6
Tank diameter	160 (mm)	170 (mm)
Overall height	645 (mm)	750 (mm)
Operating temperature	+5°C + 60°C	+5°C + 60°C
Casing	Plasticised	

### OPTIONAL

#### Extinguisher refill



CODE	DESCR.	PRICE
2054	6 L	
2055	9 L	

# PORTABLE WATER EXTINGUISHERS PRESSURIZED AT THE TIME OF USING UNI EN 3-7



34



233



40



43



233

32063-1

32094-1

## OPTIONAL

### Extinguisher refill



CODE	DESCR.	PRICE
2054-2	6 L	
2055-1	9 L	

## Technical Specifications

Code	32063-1	32094-1
Price		
Fire class	34A 233B 40F	43A 233B
Load	6 L	9 L
Extinguishing agent type	EWAB15	
Overall weight	10,7 Kg	15,5 Kg
Tank diameter	160 (mm)	180 (mm)
Overall height	455 (mm)	505 (mm)
Operating temperature	+5° C / +60° C	+5° C / +60° C
Casing	Plasticised	

For the complete range of accessories and signs look up the specific sections.



# CARBON DIOXIDE EXTINGUISHERS

Carbon dioxide is a chemical composed by carbon and oxygen, with the chemical formula CO<sub>2</sub>. The carbon dioxide contained within the tank, can be at the liquid or compressed state in relation with the ambient temperature, as the CO<sub>2</sub> has a critical temperature of about 31°C. **CO<sub>2</sub> extinguishers are suitable for the class B fire extinction**; for its being an inert and dielectric gas, the fire prevention legislation stipulates it should be installed near live electrical equipment. The CO<sub>2</sub> extinguisher is perfect for extinguishing the class B fire; nevertheless, it is also suitable for the class C fire. With respect to the EN 3/7 legislation, the proof about the extinguishment of class C fire has been eliminated, then the class C pictogram will never be written on the extinguisher with this agent extinguishing type.



## INCLUDES



It protects the operator against burn frosts and electrostatic bursts.  
Boosts till 60% the performances of the extinguisher

**23021**

## OPTIONALS

Wall mount band – Europa model



CODE	PRICE
1907-1	

Extinguisher sign 120 mm



CODE	PRICE
F0011600A	

## Technical Specifications

Code	23021
Price	
Model	Aosta 2
Fire class	70B
Load	2 Kg
Extinguishing agent type	Carbon dioxide
Overall weight	6,5 Kg
Tank diameter	104 mm
Overall height	575 mm
Operating temperature	-30° C / +60° C
Casing	Steel



PED 2014/68/UE



D.M. 7 Gennaio 2005



PED 2014/68/UE



D.M. 7 Gennaio 2005



34

23020

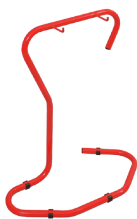


34

23020-1

OPTIONAL

Extinguisher stand



CODE

1170

PRICE

## Technical Specifications

Code	23020	23020-1
Price		
Model	Toscana 2	Frank 2
Fire class	34B	34B
load	2 Kg	2 Kg
Extinguishing agent type	Carbon Dioxide	
Overall weight	6,7 Kg	5,1 Kg
Tank diameter	116 mm	117 mm
Overall height	485 mm	555 mm
Operating temperature	-20° C / +60° C	
Casing	Steel	Aluminium

# CARBON DIOXIDE EXTINGUISHERS

## UNI EN 3-7 - DM 7/1/2005



23052-1



23052

On request the complete extinguisher:

Steel-COD. 23052-3

Aluminum-COD. 23052-4



### OPTIONALS

Extinguisher stand

Wall-mount band  
Europa model



CODE	PRICE
0456	

CODE	PRICE
1907-2	

### Technical Specifications

Code	23052	23052-1
Price		
Model	Toscana 5	Emme 5
Fire class	113B	113B
Load	5 Kg	5 Kg
Extinguishing agent type	Carbon Dioxide	
Overall weight	13,8 Kg	12 Kg
tank diameter	136 mm	152 mm
Overall height	900 mm	805 mm
Operating temperature	-20° C / +60° C	
Casing	Steel	Aluminium





34



23020-6



89

23058

## Technical Specifications

Code	23020-6	23020-7	23020-8	23058	23058-1
Price					
Fire class	34B	34B	34B	89B	89B
Load	2 Kg	2 Kg	2 Kg	5 Kg	5 Kg
Extinguishing agent type	Carbon Dioxide				
Overall weight	6,7 Kg	5,1 Kg	5,1 Kg	14 Kg	12 Kg
Tank diameter	116 (mm)	104 (mm)	117 (mm)	136 (mm)	152 (mm)
Overall height	485 (mm)	575 (mm)	555 (mm)	850 (mm)	850 (mm)
Operating temperature	-30° C / +60° C				
Casing	steel	steel	aluminium	steel	aluminium



PED 2014/68/UE



23020-9



23058-2



21065-13

## OPTIONALS

Extinguisher sign 120 mm		PVC wall mount	
CODE	PRICE	CODE	PRICE
F0011600A		0323	

## Technical Specifications

Code	23020-9	23058-2	21065-13*
Price			
Fire class	34B	89B	55A 233BC
Load	2 Kg	5 Kg	6 Kg
Extinguishing agent type	Carbon dioxide		Powder
Overall weight	5,1 Kg	12 Kg	9,4 Kg
Tank diameter	117 (mm)	152 (mm)	160 (mm)
Overall height	530 (mm)	850 (mm)	645 (mm)
Operating temperature	-30° C / +60° C		

For the complete range of accessories and signs look up the specific

\*Compliant with the PED 2014/68/UE directive.

# MOBILE POWDER EXTINGUISHERS

Units with total weight greater than 20 kg are defined as mobile extinguishers.

Classified in Italy according to standard UNI 9492 CNVF, they are divided into the following types:

Load type: Powder Kg: 30, 50, 100, 150 - CO2 Kg: 18, 27, 54 - Foam L: 50, 100, 150.

Mobile extinguishers have a much longer operating life than portable fire extinguishers. They are composed by a trolley, which allows the mobility.

All the mobile extinguishers must be used by trained and qualified personnel.



**B1**



**20307**



**OPTIONAL**

**PROTECTIVE  
COVER**

RECOMMENDED  
FOR OUTDOOR IN-  
STALLATIONS AND  
MARINE CLIMATE

CODICE	PREZZO
1795	

## Technical Specifications

Code	20307
Price	
Model	Emme 30
Fire class	A - B1 - C
Load	30 Kg
extinguishing agent type	ABC Powder
Overall weight	58 Kg
Overall height	1088 (mm)
Operating temperature	-20°C + 60°C





**B1**



**20507**



**B1**



**20117**

### Technical Specifications

Code	20507	20117
Price		
Model	Emme 50	Emme 100
Fire class	A - B1 - C	A - B1 - C
Load	50 Kg	100 Kg
Extinguishing agent type	ABC Powder	ABC Powder
Overall weight	81 Kg	155 Kg
Overall height	1155 (mm)	1360 (mm)
Operating temperature	-20°C + 60°C	-20°C + 60°C

### Supplying nozzle



**CODE**

**PRICE**

2181



**SERBATOIO IN  
ACCIAIO  
INOX AISI 304**



**20508**



**OPTIONAL**

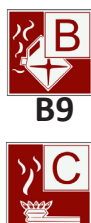
**PROTECTIVE  
COVER**

**RECOMMENDED  
FOR OUTDOOR IN-  
STALLATIONS AND  
MARINE CLIMATE**

CODE	PRICE
1795	

#### Technical Specifications

Code	20508
Price	
Model	Umbria 50
Fire class	A - B4
Load	50 L
Extinguishing agent type	EW6
Overall weight	81 Kg
Overall height	1115 mm
Operating temperature	+5° C / +60° C



**20185**



**20276**

### Technical Specifications

Code	20185	20276
Price		
Model	Emme 18	Emme 27
Fire class	B9 C	B7 C
Load	18 Kg	27 Kg
Extinguishing agent type	Carbon Dioxide	
Overall weight	62 Kg	87 Kg
Overall height	1100 (mm)	1600 (mm)
Operating temperature	-20°C + 60°C	-20°C + 60°C

Cone dispenser specially researched and designed to ensure perfect distribution.



CODE	PRICE
0336	



Mobile fire protection devices with two agent, also called “twin agents”, are composed by a steel casing with extinguishing powder ABC, and a stainless steel casing with foam AFFF 6%. This device is composed by an azote pressurizing tank, and its two nozzles can be activated separately, even if attached to allow a better ease of handling.



30509



Technical Specifications		
Code	30509	30119
Price		
Load	50+50	100+100
Extinguishing agent type	ABC Powder + EW6	ABC Powder + EW6
Overall weight	140 Kg	330 Kg
Overall height	1350	1350
Operating temperature	+5° C / + 60° C	+5° C / + 60° C



20309



12509-2



12159



**RECOMMENDED**  
**PROTECTIVE COVER**

For the complete range of products look up

RECOMMENDED  
FOR OUTDOOR INSTALLATIONS AND  
MARINE CLIMATE

**ON REQUEST**

Mobile powder fire protection devices:  
- Potassium bicarbonate  
- Potassium sulphate  
- Monnex

**Technical Specifications**

Code	20309	12509-2	12119	12159
Price				
Load	30 Kg	50 Kg	100 Kg	150 Kg
Extinguishing agent type	D Powder			
Overall weight	58 Kg	81 Kg	155 Kg	200 Kg
Overall height	1088	1090	1300	1350
Operating temperature	-30° C/ +60°C	-30° C/ +60°C	-30° C/ +60°C	-30° C/ +60°C



Fire protection devices projected and made in accordance with the EN 3-7:2008 regulation. These are devices which are not under the DM 7.1.2005 regulation.



CODE	DESCRIPTION	PRICE
21010-2	1 Kg Powder	
22020-2	2 L Foam	

**GOLDEN**



CODE	DESCRIPTION	PRICE
21010-3	1 Kg Powder	
22020-3	2 L Foam	

**SILVER**



CODE	DESCRIPTION	PRICE
21010-4	1 Kg Powder	
22020-4	2 L Foam	

**BRONZE**

#### "ASHTRAYS" EXTINGUISHER



Casing L 7,8 Dim. mm 310x555 H

CODE	PRICE
2151	

#### CUT CASINGS



Casing L 7,8 Low-pressure steel casing

CODE	PRICE
2152	



Casing L 7,5 High-pressure steel casing

CODE	PRICE
2153	

**Ideal for fire-fighting courses**



**FIRE PROTECTION DEVICES**  
**POLISHED SERIES COMPLIANT WITH UNI EN 3/7**



23020-5



21069-2



22061-7



22064-7

Technical Specifications				
Code	21069-2	22061-7	22064-7	23020-5
Price				
Load	6 Kg	6 L	6 L	2 Kg
Extinguishing agent type	Powder	Water	EW 6	Carbon dioxide



Containing 200 gr of  
ABC Powder

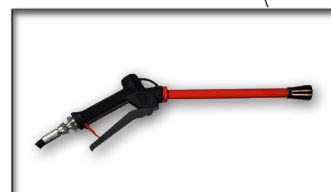
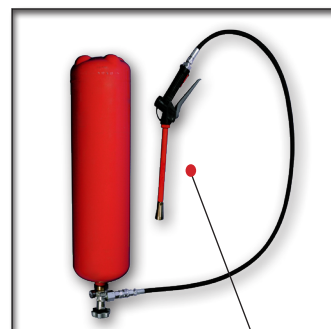
Gadget Devices				
Code	21009-2	21009-1	21009	21009-3
Price				
Color	Yellow	Chromed	Red	Green



### POWDER DEVICE 9/ 12 kg SHOULDER USE

Practical and readily operable shoulder device for emergency teams. Available in the ABC Powder versions of 9 and 12 kg. Composed by PED certified tank, handwheel valve connected with the extension cable with supplying nozzle, equipped with a button for the interception of the supplying jet. This all is mounted on a practical and readily operable shoulder device. It is the ideal solution for reaching hard-to-reach places, and, for quick interventions of teams, which, for instance, are specialized in forest fires. On request, available with extinguishing powder for specific risks.

CODE	VERSION	PRICE
13095	9 Kg.	
13125	12 Kg.	



### FIXED FIRE-FIGHTING STATION



Cabinet conceived and designed for installation in petrol stations with automated and assisted service open 24 h. The cabinet enables constant safety without risks for the user. The practical door with breakable pane allows the extinguisher to be used at any time and in any situation. The structure is supplied complete with 30 kg multi-purpose ABC powder extinguisher and 10 m hose.

CODE	PRICE
1967	

#### TECHNICAL SPECIFICATIONS

- Electrogalvanised sheet metal 25/10
- Coated with red RAL 3000 epoxypolyester powder.
- 10 m Dispensing hose
- Dispensing nozzle with jet shut-off
- Weight 100 Kg
- Dimensions cm. 500 x 500 x 1000



### SAND CONTAINERS

#### EMME BOX

Robust, capacious, and with an attractive design, this bucket lends itself to multiple uses: from sand, to salt, to materials for absorption and cleaning. Thanks to its wrap-around lid and internal seal, it is perfectly water- and dust-tight.



#### TECHNICAL CHARACTERISICS

- Available with central cylinder with key and in various
- Colors: red, green, yellow and black.;
- Dimensions (mm): 650x500x570;
- Weight (kg): 6.3;
- Capacity (lt): 108;
- Material: polypropylene, nylon;
- Main features: stable during loading, components resistant to high and low temperatures, water and dust tight.

CODE	LOAD	PRICE
1968	108 Lt	
1968-1	70 Lt	

#### COMPLETE WITH LID AND STEEL BRACKET



CODE	PRICE
0126	



## AUTOMATIC DEVICES IN COMPLIANCE WITH PED 2014/68/UE

The automatic powder and foam devices AFFF have a sprinkler valve with a bulb glass, which is sealed and sensitive to heat, and which automatically operates to reach the temperature of 68°C (bulb with operation at 79-93-141°C on demand).

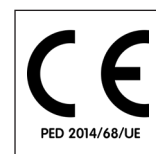
It is recommended installing the automatic devices at the maximum height of three meters above the ground.

Code	Nominal load	Extinguishing agent	Price
13019-1	1 Kg	Powder	
13029-1	2 Kg	Powder	
13039	3 Kg	Powder	
13069-3	6 Kg	Powder	
13129-3	12 Kg	Powder	
13069-1	6 L	Waterfoam	
13099-1	9 L	Waterfoam	
13069-2	6 Kg	Gas HFC 227 ea	
13109-2	10 Kg	Gas HFC227 ea	

### Pressure switch 1/8 " for automatic extinguisher calibrated on 1 Bar with protection cap.

Assembled to the automatic extinguisher, it allows the start of the optical-acoustic alarm, if connected to a fire-detection system with the automatic closing of the gas valve.

CODE	PRICE
1161	



### CONNECTION BETWEEN TEMPERATURES AND COLORS OF THE SPRINKLER BULBS

57°C = 135°F	ORANGE
68°C = 155°F	RED
79°C = 175°F	YELLOW
93°C = 200°F	GREEN
141°C = 286°F	BLUE

Technical specifications	13019-1	13029-1	13039	13069-3	13129-3	13069-1	13099-1	13069-2	13109-2
Weight (Kg) ±5%	2,1	3,7	7,5	10	18	10	18	10	18
Tank Vol. (L)	5,0	5,0	5,0	7,2	13,5	7,2	13,5	7,2	13,5
Overall height	290	290	290	330	330	330	330	330	330
Tank diameter (mm.)	240	240	240	240	360	240	360	240	360
Load (Kg / L)	1	2	3	6	12	6	9	6	10
Protected area m²/m³	1	2	3	6	12	4	7	10	18
Extinguishing agent	Powder					Foam EW6		Gas HFC 227	

**Fire protection devices of the INDUSTRIAL series are realized with pressurized tanks and recharged with the ABC Powder and EW6 Foam.**

It is a small automatic installation with manual remote control and with a sprinkler valve, which has the automatic opening when reaching 93°C.

The INDUSTRIAL series devices are assembled with a really versatile valve. In fact, not only are they completely automatic, but they also operate without any energetic source, and have a manual remote control with a steel cable, fitted with a handle at the end, inside the protective box.

Moreover, it is also possible to connect an electric cartridge with universal voltage, which can be activated with a remote button. Two outlet with a diameter of 3/8" - to which are connected flexible pipelines with quick connectors, with a maximum of four nozzles- deliver the extinguishing spout with precision towards the right point of fire risk. Extremely fast-and-easy-assembling, without the necessity of threading the tubes.

Suitable in the Powder version for industrial use to protect paint mixers, filtration/vacuum cleaning installations, and so on... and in the Foam version for the automotive industry to protect engine compartments and kitchens.



POWDER ABC SERIES					
Code	Kg	Protected area (m <sup>2</sup> )	Diam.	Tube m.	Price
11039	3	5	130	4	
11069	6	10	160	6	
11129	12	20	190	8	

The series INDUSTRIAL powder/foam devices are completed of:

- Powder series: tank volume L 3,5- 7,8- 14 CE PED 2014/68/UE;
- Painting with epoxy polyester red powder ral 3000;
- Foam series: tanks L 4,5- 7,8- 11 CE PED 2014/68/UE plasticized internally, painting with epoxy polyester red powder ral 3000;

All devices are provided with:

- Sprinkler activation valve 93°C;
- Steel tube diam. 10x1;
- Delivering powder/foam hoses;
- Box with remote operating handle;
- Steel cable with flexible sheath 5 mm;
- Connecting hoses with rapid connection, tube 10x1;
- Steel stand AISI 304.



sold with installation

FOAM AFFF SERIES					
Code	L	Protected area (m <sup>2</sup> )	Diam.	Tube m.	Price
11039-1	3	5	130	4	
11069-1	6	10	160	6	
11099-1	9	20	180	8	

The systems of the MARE series (SEA SERIES), RINA ISO 9094-1 and ISO 9094-2 approved, are built with a pressurized gas tank loaded with HFC 227, a clean, environmentally-friendly gas (does not harm the ozone layer, leaves no mess or residue, is not dangerous to humans).

It is a small automatic installation with manual remote control and with a sprinkler valve, which has the automatic opening when reaching 93°C.

The MARE series devices are assembled with a really versatile valve. In fact, not only is it completely automatic, but it also operates without any energetic source, and has a manual remote control with a steel cable, fitted with a handle at the end, inside the protective box. Moreover, it is also possible to connect an electric cartridge with universal voltage, which can be activated with a remote button. Two outlet with a diameter of 3/8" - to which are connected flexible pipelines with quick connectors, with a maximum of four nozzles- deliver the extinguishing spout with precision towards the right point of fire risk. Extremely fast-and-easy-assembling, without the necessity of threading the tubes. Suitable for installation to protect engine compartments on pleasure-boats with a maximum length of 24 meters.



## MARE SERIES



All these devices are delivered, fitted with:

- Sprinkler valve, with activation at 93°C;
- Manual remote control, completed with cable and manual valve operator;
- Pipeline and discharge nozzle;
- Steel stand.



### Technical specifications

Code	Kg	Protected area (m³)	Vol.	Tube m.	Price
11039-2	3	5	3,5	5	
11069-2	6	10	7	5	
11129-2	12	20	13,5	8	

## MARE SERIES EASY



All devices are delivered fitted with:

- Sprinkler valve with activation at 93°C, with sprinkler supply;
- Manual remote control, completed with cable and manual valve operator;
- Steel stand.



### Technical specifications

Code	Kg	Protected area (m³)	Vol.	Price
11039-3	3	5	3,5	
11069-3	6	10	7	
11129-3	12	20	13,5	

### Optional



Pyrotechnic cartridge for electric activation

CODE	PRICE
2166-1	

Manual actuator



CODE	PRICE

For refills and maintenance, please contact our office.



## REGULATION FOR THE PERIODIC MAINTENANCE OF FIXED SYSTEMS AND MOBILE FIRE-FIGHTING DEVICES

Text from: Ministry for Infrastructure and Transportation-  
Navigation security Series 100/2014 of February 10th 2014

Regulation for the periodic maintenance of fire appliances

The water, foam, powder and CO2 extinguishers, with a constantly under-pressure casing must be revised at regular intervals, not exceeding 12 months.

The revision consist of:

- A test of the extinguisher, intended to ensure its functionality
- A verification about the quality of the charge contained inside the extinguisher;
- A verification which certify that the periodic pressure date of the tank is not expired

The extinguisher mustn't have the following defects:

- Damage of hoses or cones
- Tank corrosion
- Lack of distinctive badges

Carbon dioxide extinguishers which find out empty or with less than 90% of charge, and the water, foam or powder ones with a nominal pressure under 95% must be subjected to hydrostatic test. In case of testing of CO2 tanks, the badge must include sign and seal of the user.






CODE	PRICE
1965	

RINA HOMOLOGATION  
N. FPE 25603 CS

**Instructions:** shoulder unit with a 20-litre tank, equipped with two foam drums AFFF 3% and low-expansion nozzle, integrated with the Rina homologated mixer, conformed to SOLAS 1974 regulation. The shoulder appliance allows a major flexibility and comfort of moving in case of fire on board. The unit is connected with the water supply system thanks to the fire-fighting hose (optional), which is directly connected to the supplying nozzle and to the device, through a fitted in flexible tube.

#### Components

Main foaming tank, load 20L
Stock foaming tank (on demand)
Foaming interception valve
Flexible tube foaming suction
Mechanic foaming nozzle with premixer and spherical valve for water interception UNI45
HOSE 45 (ON DEMAND)



**HOSE UNI 45**  
**MARINE EQUIPMENT DIRECTIVE**

EN 14540:2004-45-15

Lunghezza 20 m

CODE
1232
PRICE

**MED CERTIFIED PRODUCT FOR NAVAL INDUSTRY**



CODE	PRICE
1966	
PRICE	

RINA HOMOLOGATION  
N. FPE 295310 CS

**Instructions:** in-line unit, equipped with two foam drums AFFF 3%, low-expansion foam nozzle and line mixer. The mixers is connected to the water supply system thanks to the fire-fighting hose (optional), whereas the supply nozzle is connected thanks to the fire-fighting hose (supplied). Once everything is connected to the mixer, link up the intake tube and place it into the foam drum and open the hydrant valve.

#### Components

1	Line Mixer
1	Low-expansion foam nozzle
1	HOSE Ø 45 mm. L=20 m.
1	INTAKE TUBE Ø 25 mm. L=1.5 m.

#### COMPLETE NAVAL COMPLEX UNI 25

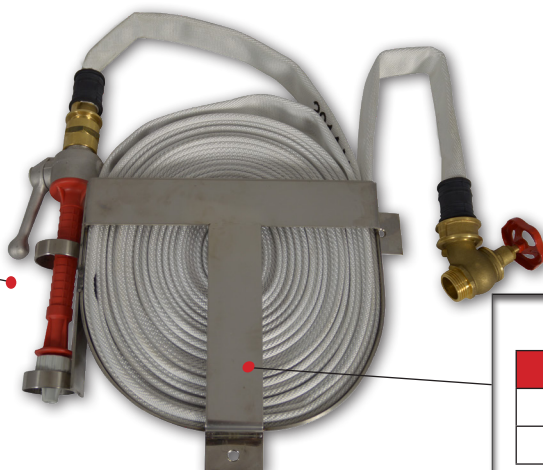
with: Hose UNI 804  
Tap UNI 25  
INOX hose stand

CODE	PRICE
1918	



NOZZLE  
UNI 25  
with 3  
types of jet

CODE	PRICE
1913	



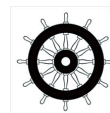
#### TAP UNI 25 M



CODE	PRICE
0637	

#### HOSE STAND

CODE	VERSION	PRICE
1919	UNI 25	
1919-1	UNI 45	



8



34



26010



26021



13



89



Technical specifications		
Code	26010	26021
Price		
Fire class	8A-34BC	13A-89BC
Load	1 Kg	2 Kg
Extinguishing agent	ABC Powder	
Overall weight	2,1 Kg	3,6 Kg
Overall height	338 (mm)	380 (mm)
Operating temperature	-20° C / +60°C	-20° C / +60°C





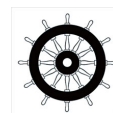
26010-1



26021-1

## Technical specifications

Code	26010-1	26021-1
Price		
Fire class	8A-34BC	13A-89BC
Load	1 Kg	2 Kg
Extinguishing agent	ABC Powder	
Overall weight	1,7 Kg	3,5 Kg
Overall height	297 (mm)	355 (mm)
Operating temperature	-30° C / +60°C	-30° C / +60°C



26031



26042



13



113



21



183



### Technical specifications

Code	26031	26042
Price		
Fire class	13A-113BC	21A-183BC
Load	3 Kg	4 Kg
Extinguishing agent	ABC powder	
Overall weight	5,4 Kg	6,5 Kg
Overall height	570 (mm)	570 (mm)
Diameter	130 (mm)	130 (mm)
Operating temperature	-20° C / +60°C	-20° C / +60°C

### OPTIONAL

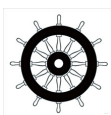
**PAINTED  
STEEL  
STAND**

Ø 130 mm



Code 0315

Price



34



233



26063-7



34



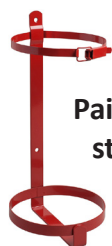
233



26063-1

### OPTIONAL

#### STANDS



Painted  
steel



Inox steel  
Aisi 304

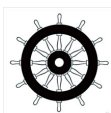
Ø 160 mm

	Code	Price
Red	0316	
Inox	1464	

### Technical specifications

Code	26063-7	26063-1
Price		
Model	M6 Expo Med	
Fire class	34A-233BC	34A-233BC
Load	6 Kg	6 Kg
Extinguishing agent	ABC Powder	
Overall weight	9,5 Kg	9,4 Kg
Overall height	620 (mm)	645 (mm)
Diameter	160 (mm)	160 (mm)
Operating temperature	-30° C / +60°C	-30° C / +60°C





43



233



55



233



26064

26065

For the complete range of pedals look up the specific section

## Technical specifications

Code	26064	26065
Price		
Fire class	43A-233BC	55A-233BC
Load	6 Kg	6 Kg
Extinguishing agent	ABC Powder	
Overall weight	9,5 Kg	9,4 Kg
Overall height	645 (mm)	645 (mm)
Diameter	160 (mm)	160 (mm)
Operating temperature	-30° C / +60°C	-30° C / +60°C

## OPTIONAL

Polypropylene box



CODE	PRICE
1668	



## Characteristics:

- Non-pressurized extinguisher
- Internal pressurization tank with CO<sub>2</sub>
- Special BC class powder extinguishers
- Extinguisher pressurized during use

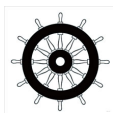
29063

## OPTIONAL

Refilling CO <sub>2</sub> cartridge		Replacement spare change	
			
CODE	PRICE	CODE	PRICE
3030		18462-1	

## Technical specifications

Code	29063
Price	
Fire class	34A-233BC
Load	6 Kg
Extinguishing agent	ABC Powder
Overall weight	10,5 Kg
Overall height	505 (mm)
Diameter	150 (mm)
Operating temperature	-30° C / +60° C



55



233



55



233



55



233



26095-4

26095-5

26125-3

### Technical specifications

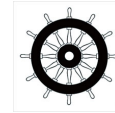
Code	26095-4	26125-3	26095-5
Price			
Fire class	55A-233BC	55A-233BC	55A-233BC
Load	9 Kg	12 Kg	9 Kg
Extinguishing agent	ABC Powder		
Overall weight	13,9 Kg	17,7 Kg	14,7 Kg
Diameter	170 (mm)	180 (mm)	180 (mm)
Overall height	750 (mm)	660 (mm)	800 (mm)
Operating temperature	-30° C / +60° C	-30° C / +60° C	-30° C / +60° C

### OPTIONAL STANDS



	Code	Price
Red ø 170	0318-1	
Red ø 180	0318	
Inox ø 180	0325	





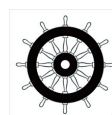
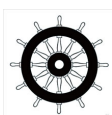
Characteristics:  
Non-pressurized extinguisher  
Internal pressurization tank with CO<sub>2</sub>  
Special BC class powder extinguishers  
Extinguisher pressurized during use

29125

#### OPTIONAL

Refilling Co <sub>2</sub> cartridge		Replacement spare change	
			
CODE	PRICE	CODE	PRICE
3032		18462-3	

Technical specifications	
Code	29125
Price	
Fire class	55A-233BC
Load	12 Kg
Extinguishing agent	ABC powder
Overall weight	18,7 Kg
Overall height	680 (mm)
Diameter	182 (mm)



**OPERATING  
TEMPERATURE**  
-30° +60°



8



55



40



**27020**



**27031-3**



13



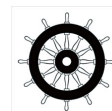
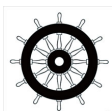
113



40

### Technical specifications

Code	27020	27031-3
Price		
Fire class	8A-55B-40F	13A-113B-40F
Load	2 L	3 L
Extinguishing agent	EW -30	EW AB15
Overall weight	3,5	3,7
Diameter	110 (mm)	130 (mm)
Overall height	380 (mm)	445 (mm)
Casing	Plasticised steel	Stainless steel
Temperature	-30° C / +60°C	+5° C / +60°C



27



233



34



233



75



43



233



75

27066

27063

27064

### Technical specifications

Code	27066	27063	27064
Price			
Fire class	27A-233B	34A-233B-75F	43A-233B-75F
Load	6 L	6L	6 L
Extinguishing agent	EW6	EW - 30	EW AB1
Overall weight	9,8 Kg	9,8 Kg	9,8 Kg
Diameter	160 (mm)	160 (mm)	160 (mm)
Overall height	645 (mm)	645 (mm)	545 (mm)
Casing	Plasticised steel	Plasticised steel	Plasticised steel
Temperature	+5° C / +60°C	-30° C / +60°C	+5° C / +60°C



### RINA EXTINGUISHERS CERTIFICATION ACCORDING TO THE 2014/90/UE DIRECTIVE

Deepening of the MED 2014/90/UE directive

The aim of this directive is to improve the marine safety and to prevent the marine pollution by uniformly applying the adequate international tools concerning the marine equipment which is to be installed on board of the UE ships, and to guarantee the free circulation of this equipment within the European Union.

### **RINA EXTINGUISHER CERTIFICATION ACORDING TO THE 2014/90/UE**

IF THEY ARE NEW AND CERTIFIED in accordance with the 2014/90/UE, the Co2, powder and water portable extinguishers, which have the constantly under-pressure casing, and which are homologated to be installed on the boats, can be sold as supplied by the producers. It is not necessary to weigh the RINA. Concerning the RINA, the customer service assistance must be done within two years after the date of production. In order to be as clear as possible, we will report the RINA circular of September the 26th 2012: "according to the periodic revision activities done in Your headquarters for the Co2 and water portable extinguishers which have the constantly under-pressure casing, we would like to inform You that - after the new instructions from the General Direction of Genova – from today's date, in case of new certified extinguishers, in accordance with the 96798/CE directive, the referring date for the calculation of the two years is the one reported on the declaration of conformity of the MED directive, edited by the producer. The first obligatory revision must be done in the presence of a technician by two years from the latter. What written above is always valid except for when there are other contractual arrangements - which, anyway, need the presence of a RINA technician at the moment of the installation of the extinguisher on board."



27094



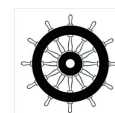
43



233

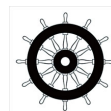
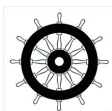


40



#### Technical specifications

Code	27093	27094
Price	*	
Fire class	34A - 233B	43A - 233B - 40F
Load	9 L	9 L
Extinguishing agent	EW6	EW ABF
Overall weight	13,9 Kg	13,9 Kg
Diameter	170 (mm)	170 (mm)
Overall height	735 (mm)	735 (mm)
Casing	Plasticised steel	Plasticised steel
Temperature	+5° C / +60°C	+5° C / +60°C



34



233



40



33063-1



33094-1



43



233

### Technical specifications

Code	33063-1	33094-1
Price		
Fire class	34A - 233B - 40F	43A-233B
Load	6 L	9 L
Extinguishing agent	EWAB 15	
Overall weight	10,7 Kg	15,5 Kg
Diameter	162 (mm)	182 (mm)
Overall height	455 (mm)	504 (mm)
Casing	Plasticised	
Temperature	+5° C / +60°C	+5° C / +60°C

### OPTIONAL

**PAINTED  
STEEL  
STAND**

Code	3036
Price	





21

27092

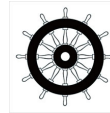
### Technical specifications

Code	27092
Price	
Fire class	21A
Load	9 L
Extinguishing agent	Water
Overall weight	13,9 Kg
Diameter	170 (mm)
Overall height	610 (mm)
Casing	Plasticised steel
Temperature	+5° C / +60°C

### OPTIONAL

Extinguisher sign 120 mm		Polypropylene box	
CODE	PRICE	CODE	PRICE
F0011600A		1669	





34



34

28020-1

28020

### Technical specifications

Code	28020-1	28020
Price		
Fire class	34B	34B
Load	2 Kg	2 Kg
Extinguishing agent	Carbon dioxide	
Overall weight	5,1 Kg	6,7 Kg
Diameter	117 (mm)	116 (mm)
Overall height	555 mm	485 mm
Casing	Aluminium	Steel

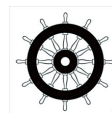
### OPTIONAL

#### PAINTED STEEL STAND

Ø 116 mm

Code	1238
Price	





**113**

**28052**



**113**

**28052-1**

### Technical specifications

Code	28052	28052-1
Price		
Fire class	113B	113B
Load	5 Kg	5 Kg
Extinguishing agent	Carbon dioxide	
Overall weight	13,8 Kg	12 Kg
Overall height	900 mm	805 mm
Diameter	136 (mm)	152 (mm)
Casing	Steel	Aluminium

### OPTIONAL

#### STANDS



**Painted steel**



**Inox steel  
Aisi 304**

Ø 160 mm

	Code	Price
Red	1429	
Inox	1465	

# PORTABLE POWDER-CO2 EXTINGUISHERS

## UL LISTED CERTIFIED



35010



35050



35100



35202

CODE	LOAD (kg)	DESCRIPTION	CASING DIAMETER	FIRE CLASS	PRICE	CERTIFICATION
35010	2 1/2 Lb (1,31 Kg)	2,5 Lb powder ext.	3 3/8 in (86mm)	1A-10BC		UL & Marine Approved
35050	5 Lb (2,27 Kg)	5 Lb powder ext.	4 7/16 in (113mm)	3A-40BC		UL & Marine Approved
35100	10 Lb (4,54 Kg)	10 Lb powder ext.	5 1/4 in (135mm)	4A-80BC		UL & Marine Approved
35202	20 Lb (9,07 Kg)	20 Lb powder ext.	7 7/32 in (183mm)	20A-120BC		UL & Marine Approved



36050



36100



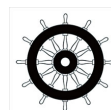
36151



36201

CODE	LOAD (kg)	DESCRIPTION	CASING DIAMETER	FIRE CLASS	PRICE	CERTIFICATION
36050	5 Lb (2,27 Kg)	5LB CO2 Fire Extinguisher	5 15/64 (133mm)	5BC		UL Approved
36100	10 Lb (4,54 Kg)	10LB CO2 Fire Extinguisher	6 7/8 (175mm)	10BC		UL Approved
36151	15 Lb (6,80 Kg)	15LB CO2 Fire Extinguisher	6 7/8 (175mm)	10BC		UL Approved
36201	20 Lb (9,07 Kg)	20LB CO2 Fire Extinguisher	7 63/64 (203)	10BC		UL Approved





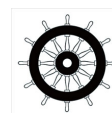
25 kg ABC POWDER			
CODE	€	PROPELLANT	FIRE CLASS
18258		Permanent pressure	A IV BC
18258-51		Auxiliary Nitrogen	A IV BC
18258-52		Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
16258		Permanent pressure	A IV BC
16258-51		Auxiliary Nitrogen	A IV BC
16258-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	25 kg
Exting. agent	ABC powder
Overall height	960 (mm)

50 kg ABC POWDER			
CODE	€	PROPELLANT	FIRE CLASS
18508		Permanent pressure	A III BC
18508-1		Permanent pressure	A IV BC
18508-51		Auxiliary Nitrogen	A IV BC
18508-52		Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
16508		Permanent pressure	A III BC
16508-1		Permanent pressure	A IV BC
16508-51		Auxiliary Nitrogen	A IV BC
16508-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	50 kg
Exting. agent	ABC powder
Overall height	1100 (mm)

For the complete technical specifications look up the technical schedules available



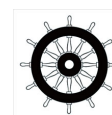
100 kg ABC Powder			
CODE	€	PROPELLANT	FIRE CLASS
18118		Permanent pressure	A IV BC
18118-51		Auxiliary Nitrogen	A IV BC
18118-52		Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
16118		Permanent pressure	A IV BC
16118-51		Auxiliary Nitrogen	A IV BC
16118-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	100 kg
Exting. agent	ABC Powder
Overall height	1350 (mm)

150 kg ABC Powder			
CODE	€	PROPELLANT	FIRE CLASS
-	-	-	-
18158-51	On demand	Auxiliary Nitrogen	A IV BC
18158-52	On demand	Auxiliary Co2	A IV BC
MED	€	PROPELLANT	FIRE CLASS
-	-	-	-
16158-51		Auxiliary Nitrogen	A IV BC
16158-52		Auxiliary Co2	A IV BC

Technical specifications	
Load	150 kg
Exting. agent	ABC Powder
Overall weight	1350 (mm)

For the complete technical specifications look up the technical schedules available



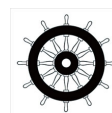
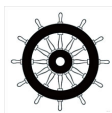
25 L FOAM				50 L FOAM			
CODE	€	PROPELLANT	FIRE CLASS	CODE	€	PROPELLANT	FIRE CLASS
19258		Permanent pressure	A IV B	19508		Permanent pressure	A IV B
19258-51		Auxiliary Nitrogen	A IV B	19508-51		Auxiliary Nitrogen	A IV B
-	-	-	-	19508-52		Auxiliary Co2	A IV B
MED	€	PROPELLANT	FIRE CLASS	MED	€	PROPELLANT	FIRE CLASS
15258		Permanent pressure	A IV B	15508		Permanent pressure	A IV B
15258-51		Auxiliary Nitrogen	A IV B	15508-51		Auxiliary Nitrogen	A IV B
-	-	-	-	15508-52		Auxiliary Co2	A IV B

Technical specifications		Technical specifications	
Load	25 Lt	Load	50 Lt
Exting. agent	EW6	Exting. agent	EW6
Overall height	960 (mm)	Overall height	1100 (mm)

For the complete technical specifications look up the technical schedules available



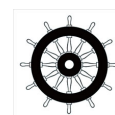
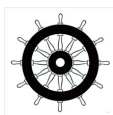


100 L FOAM				150 L FOAM			
CODE	€	PROPELLANT	FIRE CLASS	CODE	€	PROPELLANT	FIRE CLASS
19118		Permanent pressure	A IV B	-	-	-	-
19118-51		Auxiliary Nitrogen	A IV B	19158-1		Auxiliary Nitrogen	A IV B
19118-51		Auxiliary Co2	A IV B	-	-	-	-
MED	€	PROPELLANT	FIRE CLASS	MED	€	PROPELLANT	FIRE CLASS
15118		Permanent pressure	A IV B	-	-	-	-
15118-51		Auxiliary Nitrogen	A IV B	15158-1		Auxiliary Nitrogen	A IV B
15118-52		Auxiliary Co2	A IV B	-	-	-	-

Technical specifications		Technical specifications	
Load	100 Lt	Load	150 Lt
Exting. agent	EW6	Exting. agent	EW6
Overall height	1350 (mm)	Overall height	1350 (mm)

For the complete technical specifications look up the technical schedules available



Carbon dioxide			
Code	€	Nominal charge	Fire class
17103-1		10 kg	144 B
17103		10 kg	144 B
17204		20 kg	233 B
17304		30 kg	233 B
17504		50 kg	233 B
MED	€		
14103-1		10 kg	144 B
14204		20 kg	233 B
14304		30 kg	233 B
14504		50 kg	233 B

For the complete technical specifications look up the technical schedules available on our web site

## DRY POWDERS ACCORDING TO EN 615

Dry powders are mixtures of chemicals, such as sodium or potassium bicarbonate, ammonium sulphate and mono-ammonium phosphate. Additives are added in order to increase fluidity and water-resistance, and to make the foams compatible.

Powders can be divided into two major categories:

- Multifunctional powders – suitable for extinguishing class A-B-C fires
- Bivalent powders – suitable for extinguishing class B-C fires; they contain sodium or potassium bicarbonate

Dry powders produce the following effects in extinguishing a fire:

1.suffocation, 2.cooling, 3.shielding and fireproofing of the unburnt areas

Fire-fighting powders are normally dielectric, so they are usable on live electrical equipments (up to 1000 volt). Standard EN3-7:2004 requires the dielectric test to be carried out only on water fire extinguishers and not on other categories. It is not advisable to use these products on electronic and digital systems and on data centers because of the fine particle size of powder, which could damage the system's components.

The action that is carried out by chemical powders in extinguishing a fire is essentially the inhibition of the unburnt material with a negative catalysis, the suffocation of the flame.

ABC powder according to EN 615

Code	KG	Typology	€/kg
18462	25	EPW 18462	
0351	25	EPB 0351	
0353	25	EPP 0353	
18461	1000	EPW 18462	
0352	1000	EPB 0351	
0354	1000	EPP 0353	



Spare charges for extinguishers  
MED 96/98/CE, ABC powder

Code	KG	Typology	€
18462-1	6	EPW 18462	
0351-1	6	EPB 0351	
0353-1	6	EPP 0353	
0351-2	9	EPB 0351	
18462-2	9	EPW 18462	
0351-3	12	EPB 0351	
18462-3	12	EPW 18462	



BC powder according to EN 615

Code	KG	Typology	€/kg
2050	25	EPBC 2050 - potassium bicarbonate	
2051	25	EPBC 2051 - potassium sulphate	
2052	25	EPBC 2052 - sodium bicarbonate	
2053	25	Monnex	



D powder according to EN 615

Code	Casing	Price
0356	Whopping Kg 25	



## FOAM SPARE CHARGES

### SPARE CHARGES FOR PORTABLE AND WHEELED EXTINGUISHERS


**WATERFOAM spare charges are ready to use charges for foam extinguishers**


<b>EXTINGUISHING ACTION</b>	The three factors that determine the foam's extinguishing ability are the following:
<b>SUFFOCATION</b>	the foam prevents air from reaching flammable vapours by lying on solid surfaces, causing the fire to be suffocated
<b>COOLING AND DILUTION</b>	effect of the vaporisation of the water contained in the bubbles
<b>SEPARATION</b>	the foam removes and blocks combustible vapours created by the liquid in combustion areas

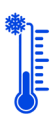
#### MODES OF OPERATION

These foams are suitable for extinguishing and controlling class A fires, even if they are better used for class B fires

N.B.: many foam spare charges are ready for use, the mixture is ready for being putted into the extinguisher. When the description says "to dilute" the extinguishing foam must be diluted with demineralised water, following the indications on the label.


	Concentrated foam EMME WATERFOAM – EW6			
	CODE	Load	Description	Price
 +5/+60°	2054-4	0,360 L	extinguisher concentrate L6, dilute with 5,65 lt of water	
	2055-3	0,540 L	extinguisher concentrate L9, dilute with 8,45 lt of water	
	1470	1 L	concentrate, must dilute	
	2144-1	3 L	extinguisher concentrate L50, dilute with 47 lt of water	
	2054	6 L	premixture for extinguisher L6	
	2144	6 L	extinguisher concentrate L100, dilute with 94 lt of water	
	2055	9 L	premixture for extinguisher L9	
	2145	9 L	extinguisher concentrate L150, dilute with 141 lt of water	
	9598	25 L	concentrate for extinguishers	
	Premixed foaming Emme Waterfoam 1 - EWAB1			
	2054-1	6 L	Ready to use premixture for extinguisher L6	
	Premixed foaming Film Foam ABF - EWABF			
	1834-3	6 L	Ready to use premixture for extinguisher L6	
	2055-2	9 L	Ready to use premixture for extinguisher L9	
	Premixed foaming Emme Waterfoam AB15 - EWAB15			
	2054-3	3 L	Ready to use premixture for extinguisher L 3	
	2054-2	6 L	Ready to use premixture for extinguisher L 6	
	2055-1	9 L	Ready to use premixture for extinguisher L 9	

 -30/+60°C	Premixed foaming Dolomiti Foam - EW -30			
	1658	1 L	Ready to use premixture for extinguishers F class with temperature -30/+60 °C	
	1659	3 L		
	1623	6 L		
	1624	25 L		

 -10/+60°C	Premixed foaming Dolomiti Foam - EW -10			
	8959	6 L	Ready to use premixture for extinguishers F class with temperature -10/+60 °C	
	9314	25 L		




**BUTTON VALVE M30x1.5 - KG 1-2 / 2 L**



CODE	COLOR	PRICE
0211	Red	
0211-1	stainless steel	


Manometer Connector	M. 10 x 1	Inlet	M. 30x1,5
Dip Tube Connector	M. 16 x 1,5	Outlet	1/8" NPT

**SAFETY VALVE**




**COD. 0261** 10 Pcs. Pack.

**PISTONCINO**




**COD. 0241** 10 Pcs. Pack.

**DIP TUBE HOLDER**




**COD. 0253** 10 Pcs. Pack.

**POWDER NOZZLE**




**COD. 0287** 50 Pcs. Pack.

**FOAM NOZZLE**



**COD. 1938**

**RETAINING SPRING FOR PISTON**




**COD. 0251-1** 10 Pcs. Pack.

ACCESSORIES						
CODE	0261	0241	0253	0287	1938	0251
PRICE						


**BUTTON VALVE M30x1.5**

**SAFETY VALVE**



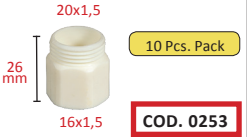
**COD. 0261** 10 Pcs. Pack.

**PISTON**




**COD. 0242** 10 Pcs. Pack.

**DIP TUBE HOLDER**




**COD. 0253** 10 Pcs. Pack.

**CONTROL VALVE**



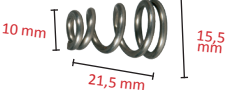
**COD. 1163** 100 Pcs. Pack.

**HOLDING PINS**



**COD. 1389**

**RETAINING SPRING FOR PISTON**




**COD. 0251** 10 Pcs. Pack.

ACCESSORIES						
CODE	0261	0242	0253	1163	1389	0251
PRICE						

Manometer connection	<b>CODE</b>	<b>Color</b>	<b>PRICE</b>
M. 10 x 1	0212	Red	
Dip tube connection	0212KB	Blue	

Entrata	M. 30x1,5
Uscita	G1/4"



**BUTTON VALVE M30x1.5**





Manometer Connector		M. 10 x 1
Dip tube Connector		M. 16 x 1,5
Inlet		M. 30x1,5
Outlet		G 1/4"

VALVES							
CODE	0212C	0212CB	0212CN	0212CG	0212CBIA	0212CGIA	0212CV
COLOR	RED	BLUE	BLACK	GREY	WHITE	YELLOW	GREEN
PRICE							

ACCESSORIES				
CODE	0261C	0242C	0253C	1163
PRICE				

**SAFETY VALVE**



**COD. 0261C** 10 Pcs. Pack.

**PISTON**



**COD. 0242C** 10 Pcs. Pack.

**DIP TUBE HOLDER**



**COD. 0253C** 10 Pcs. Pack.

**CONTROL VALVE**



**COD. 1163** 100 Pcs. Pack.

**RETAINING SPRING FOR PISTON**



**COD. 0251C** 10 Pcs. Pack.

**BUTTON VALVE M30x1.5 - LEVE INOX**

The valves with stainless steel levers SUS304 give a smarter and more sophisticated aspect to the extinguishers, in order to make them different from the other ones. It is possible to ask for their installation during the production of your purchase order.

Manometer Connection
M. 10 x 1
Dip tube connection



CPF Valve

CODE	PRICE
8622	
8622C	

Inlet	M. 30x1,5
Outlet	G 1/4"

**BUTTON VALVE M30x1.5 WITH ANTI-CORROSION TREATMENT**



CODE
0212CS
PRICE

The anti-corrosion valves are realized with a specific treatment, which is resistant against the aggressive agents of the extinguisher foaming mixtures. The valves are contraddistinguished by the notice sign "foam", in the valve body.

Inlet	M. 30x1,5
Outlet	G 1/4"



**BUTTON VALVE M30x1.5 - STAINLESS STEEL**

Button valve with aluminum body and steel levers RAL 3000, for powder fire extinguishers.



Inlet	M. 30x1,5
Outlet	G 1/4"

The single parts of the valve are not available as spare parts.

CODE
0212-9
PRICE

**BUTTON VALVE M45x1.5**



Manometer connection
M. 10 x 1
Dip tube connection

CODE	PRICE
0212-2	
Inlet	M 45 x 1,5
Outlet	M 14 x 1.5

**COD. 0241-30**



**COD. 0251-30**



**COD. 0253-30**





**VALVOLA A PULSANTE M58x2**



Manometer connection	M. 10 x 1
Dip tube connection	M. 16 x 1,5
Inlet	M. 30x1,5

VALVES				
CODE	0212-4	0212-5	0212-6	0212-7
COLOR	BLACK BODY AND	BLACK LEVERS	RED LEVERS	STAINLESS STE-
PRICE				

ACCESSORIES				
CODE	0241-40	0253-40	1163	0251-40
PRICE				



**BUTTON VALVE M30x1.5 - NON-MAGNETIC INOX LEVERS**



Inlet	M. 30x1,5
Outlet	G 1/4"

CODE	0212-10
PRICE	

**PERCUSSION VALVE M74x2**



Inlet	M 74 x 2
Outlet	M 16 x 1,5

CODE	3008
PRICE	

Dip tube connector	M 16 x 1,5
--------------------	------------

**LEVER VALVE**



CODE	0214R
PRICE	

Inlet	2" - F
Outlet	3/4" GAS

Manometer connector	M 10 x 1
Dip tube connector	3/4" GAS

VALVE 0214C VALVE CPF ON REQUEST

**PISTON**



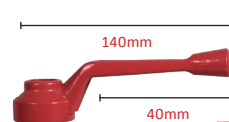
10 Pcs. Pack
<b>COD. 0244</b>

**CONTROL VALVE**



100 Pcs. Pack
<b>COD. 1163</b>

**SPARE LEVER FOR MOBILE EXTINGUISHERS**



<b>COD. 0338</b>
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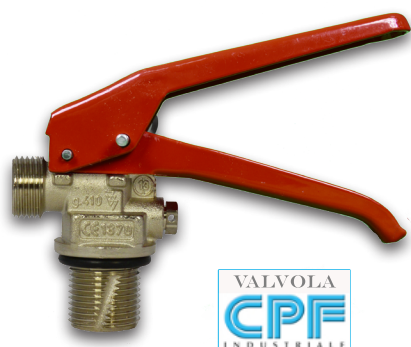
**COMPLETE SAFETY VALVE FOR MOBILE POWDER/FOAM EXTINGUISHERS**



10 Pcs. Pack
<b>COD. 0263R</b>

ACCESSORIES			
CODE	1163	0244	0338
PRICE			

**BUTTON VALVE M25x2**



Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	M. 25x2
Outlet	W 21,7



VALVES				
CODE	0213C	0213CG	0213CN	0213CV
COLOR	RED LEVERS	GREY LEVERS	BLACK LEVERS	GREEN LEVERS
PRICE				

**BUTTON VALVE W28.8**

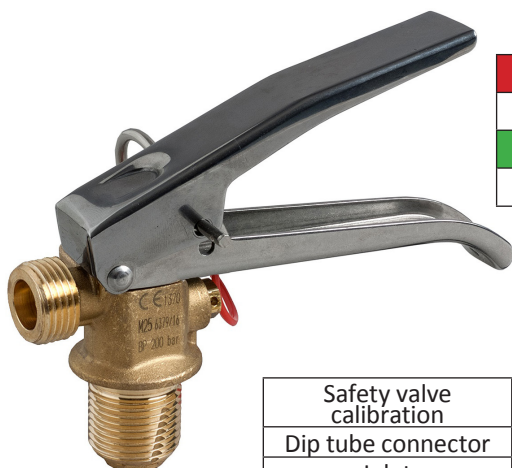


Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 28,8
Outlet	W 21,7



VALVES				
CODE	0218C	0218CG	0218CV	0218-1
COLOR	RED LEVERS	GREY LEVERS	GREEN LEVERS	INOX LEVERS
PRICE				

**NON-MAGNETIC BUTTON VALVE M25X2 INOX LEVERS**



CODE	0213-2
PRICE	

Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 25x2

**NON-MAGNETIC BUTTON VALVE M25X2**



CODE	0220L
PRICE	

Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 25x2

**BUTTON VALVES M 25X2 LATERAL OUTLET**



Safety valve calibration	185 Bar
Dip tube connector	G 1/4"
Inlet	W 25 x 2

CODE
1885
PRICE

**SERIES MARE- INDUSTRIAL VALVE**



Pressure manometer separately sold

Manometer connector	1/8 NPT
Dip tube connector	M 16 x 1,5
Inlet	M 30 x 1,5

CODE
1906
PRICE

**NITROGEN HANDWHEEL VALVE**



CODE	PRICE
18491	

Inlet	W 28,8
Outlet	W 21,7 F
Safety valve calibr.	185 Bar
Dip tube connector	3/8" GAS

**TILT VALVE W28-8**



CODE	PRICE
0223L	

Inlet	W 28,8
Outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	G 1/4"

**CO2 CONICAL HANDWHEEL VALVE**



CODE	PRICE
1153I	

Inlet	W 28,8
Outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	3/8" GAS

**CO2 HANDWHEEL VALVE M 25x2**



CODE	PRICE
0222	

Inlet	M 25x2
Outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	G 1/4"

**CONIC HANDWHEEL VALVE FOR FOOD USE**

**RESIDUAL VALVE**



CODE	PRICE
9382	

Inlet	W 28,8
outlet	W 21,7
Safety valve calibr.	185 Bar
Dip tube connector	3/8" GAS

**T-PED CERTIFIED**



PRICE	CODE
	1153A



### SPRINKLER VALVE FOR AUTOMATIC EXTINGUISHERS



M 30x1,5

Inlet	M 30 x 1,5
Manometer connector	1/8" F NPT

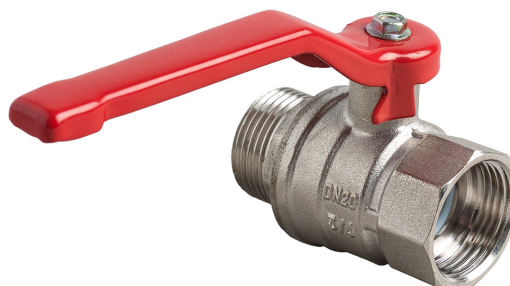
Separately-sold manometer

CODE	Description	Price
0216-1	57° Orange bulb	
0216	68° Red bulb	
1815	79° Yellow bulb	
1160	93° Green bulb	
1160-1	141° Blue bulb	

#### CONNECTION BETWEEN SPRINKLER BULB COLOR AND ITS TEMPERATURE

57°C = 135°F	ORANGE
68°C = 155°F	RED
79°C = 175°F	YELLOW
93°C = 200°F	GREEN
141°C = 286°F	BLUE
182°C = 360°F	PURPLE

### BALL VALVE 3/4" M/F



Inlet	M 3/4" GAS
Outlet	F 3/4" GAS

CODE	PRICE
0217	

### BALL VALVE 3/4" M/M

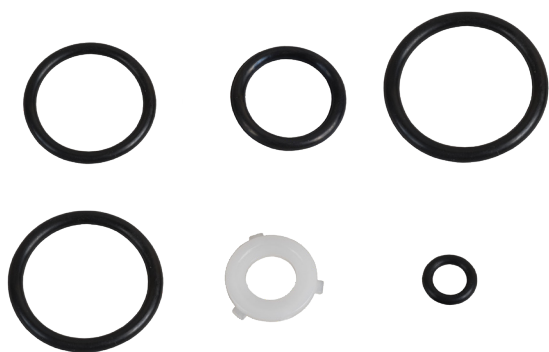
For mobile powder and  
foam extinguishers



CODE	PRICE
0217-2	

Inlet	M 3/4" GAS
Outlet	M 3/4" GAS

### SEALS FOR EXTINGUISHERS AND ACCESSORIES



The measures written in the list refer to the internal diameter

CODE	DESCRIPTION	SMALLEST PACK	PRICE
0204	Seal 21,7 x CO2-N2	100	
1812	Foam dim. 11,9 x 2,6	10	
1813	Foam dim.. 9,19 x 2,6	10	
0205	Manometer dim. 11,2 x 1,78	100	
0201C	Valve M30 dim. 30 x 2,95	100	
0201R	Valve M30 dim. 30 x 3,5	100	
0201-2	Valve M45 dim. 40 x 3,5	100	
0201-4	Valve M58 dim. 52 x 5	100	
0203	Valve dim. 45 x 3,35	10	
0202	Valve M25 dim. 25 x 3,5	10	
0201-5	Valve M74 dim. 68 x 4	50	

The prices written in the list refer to the single piece

### SAFETY VALVE CAP FOR MOBILE EXTINGUISHERS WITH EXTERNAL TANK

CODE	PRICE
2048	

SAFETY VALVE  
1/4" TARATA 23-27 BAR

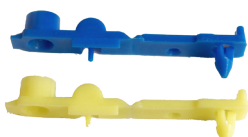


### 2" CAP WITH CE SAFETY VALVE



CODE	PRICE
18463	

## SAFETY SEALS

SIGILLI VARIO TIPO  
(Nome - Numero Progressivo)

CODE	TYPE	PACK	PRICE*
0092	BLUE	of 500 Pcs.	
0093	BLACK	of 500 Pcs.	
0094	YELLOW	of 500 Pcs.	

SEAL FOR SAFETY PLUG  
(Length. 35 mm)

CODE	TYPE	PACK	PRICE*
0285	GREEN	1000 pcs.	
1482	RED	1000 pcs.	
1483	YELLOW	1000 Pcs.	

## SMOOTH SEAL FOR TAG



CODE	TYPE	PACK	PRICE*
1422	130 mm	1000 Pcs.	
1423	230 mm	1000 Pcs.	

## SEAL FOR TAG (Length. 225 mm)



CODE	PACK	PRICE*
1385	da 1000 Pz.	

## RED JAGGED LACE



CODE	PACK	PRICE
0098	da 1000 Pz.	€ 87,20

## KNURLED SEAL FOR TAG (Length. 150 mm)



CODE	TYPE	PACK	PRICE*
1504	GREEN	1000 Pcs.	
1505	RED	1000 Pcs.	

## RED CODLINE (Length. 130 mm)



CODE	PACK	PRICE
0286	of 100 Pcs.	

## KNURLED SEAL FOR TAG (Length. 200 mm)

1000 Pcs. Pack



CODE	PACK	PRICE
0091	of 1000 Pcs.	

## PVC NUMERED SEAL (Length 210 mm)



CODE	PACK	PRICE*
1408	da 1000 Pz.	

\* Prezzo singolo pezzo

## SAFETY PLUG

CODE	DESCRIPTION	PACK	PRICE
0282-1	Diam. 3,45 L64 Inox304	of 100 Pcs.	
0282C	Diam. 4 L65	of 100 Pcs.	
0283	Diam. 3 L 64	of 10 Pcs.	
0283R	Diam. 3 L 64 Inox 304	of 10 Pcs.	
0284	Diam. 3 L 65	of 10 Pcs.	
0281	Diam. 3 L 50	of 10 Pcs.	
0282AC	Diam. 3 L 65 Amagnetica	of 10 Pcs.	
0282-2	Diam. 3,5 L65	of 10 Pcs.	

Safety plug for  
portable and mobile  
extinguishers.

## MANOMETERS



CODE	DESCRIPTION	PRICE
0271-1	Manometer diameter 23 mm with OR connector M10x1 hexagonal	
1576	Manometer diameter 23 mm with OR connector M10x1	
0271	Manometer diameter 23 mm with OR conector M10x1	
0272	Manometer diameter 23 mm without OR connector 1/8 NPT	



# EXTINGUISHER SPARE PARTS FOR PORTABLE AND MOBILE EXTINGUISHERS

## EXTINGUISHER DIP TUBES

PVC				PVC				PVC			
CODE	Ø	LENGTH	PRICE	CODE	Ø	LENGTH	PRICE	CODE	Ø	LENGTH	PRICE
0151	M16x1,5	240 mm.		18401	G 3/4"	720 mm.		18410	G3/8"	610 mm.	
0152		280 mm.		0163		740 mm.		18411		1300 mm.	
0153		356 mm.		0162		870 mm.		18412		1460 mm.	
3033		390 mm.		0165		1080 mm.					
1859		400 mm.		1596		1500 mm.					
2179		415 mm.									
0154		420 mm.									
2180		430 mm.									
3034		456 mm.									
2180-1		480 mm.									
3035		500 mm.									
0155-1		515 mm.									
0155		530 mm.									
0156		540 mm.									

PVC				ALUMINIUM			
CODE	Ø	LENGTH	PRICE	CODE	Ø	LENGTH	PRICE
1699	m14X1,5	600 mm.		0158-1	G1/4"	348 mm.	
				0157-1		400 mm.	
				0159-1		540 mm.	
				0160-1		600 mm.	

### HOSE FOR MOBILE EXTINGUISHERS



CODE	DIMENSION	LENGTH	PRICE
0295	Powder/Foam	3500 mm.	
18421	Powder/Foam	5000 mm.	
18422	Powder/Foam	10000 mm.	

### HOSE FOR CO2 MOBILE EXTINGUISHERS



CODE	DIMENSION	LENGTH	PRICE
18425	Co 2	5000 mm.	

CODE	Ø NOZZLE	VALVE CONNEX- TOR	LEN- GTH (mm)	TYPE	PRICE
0291	5	G 1/4"	450	powd 3/4Kg	
0292	5	G 1/4"	570	powd.6 Kg	
1858	5	G 1/4"	540	powd. 6 kg	
0292-4	6,5	G 1/4"	570	powd.9/12 Kg	
0292-3	5	M 14 x 1,5	570	powd. 6 Kg	
0292-2	5	G 1/4"	570	non magnetic	
0293-3	3,8	G 1/4"	570	water	
0293-5	3,8	M 14 x 1,5	570	water	

### HOSE FOR PORTABLE EXTINGUISHERS



CODE	SUPPLIER CON- NECTOR	VALVE CONNEX- TOR	LENGTH (mm)	NOTES	PRICE
1646	M16x1,5	G 1/4"	600+280	Extension cable	
0293	M16x1,5	G 1/4"	600	Foam 6 lt	
2209	M16x1,5	M 14x1,5	600	Foam 6 lt Ring M58	
2209-1	M16x1,5	M 14x1,5	400	Foam 3 lt	
0294	FGW21,7x1/14"	W21,7"	715	Co2 Kg 5	



## CARBON DIOXIDE SUPPLYING CONES



n°	CODE	TPOLOGY	Ø (mm.)	PRICE
1	0331	Kg 2 CO2 Ext.	hole Ø 1,9	
	0332	Kg 5 CO2 Ext.	hole Ø 2,4	
4	0331-1	Kg 2 CO2 -Ø 70 L132 Ext.	hole Ø 1,6	
2	1887	Kg 2 CO2 Ext.	hole Ø 2,7	
3	1771	Kg 5 CO2 Ext. (with hose)	hole Ø 4	
5	0332-1	Kg 5 CO2 Ext. (with hose)	hole Ø 2,5	
	0332-2	Kg 5 CO2 Ext. (with non-magn. hose)	hole Ø 2,5	

## NOZZLES



n°	CODE	DESCRIPTION	PRICE
1	1645	Shower head 3-6 L	
2	1938	Shower head 2 L	
3	2163-1	Industrial series system nozzle	
4	0287	Powder nozzle 1-2 Kg	
5	2163	Mare series system nozzle	

## PRESSURIZING CYLINDER



Internal pressurisation cylinder  
for extinguishers with pressuri-  
sation at the time of use



CODE	Co 2 Gr	FILLET(?)	TYPE	PRICE
3029	75	M 18x1,5	9 L	
3030	150	M 18x1,5	6 KG	
3031	200	M 18x1,5	9 KG	
3032	225	M 18x1,5	12 KG	
3029-1	55	M 18x1,5	6 L	

## HOSE HOLDER



CODE	DESCRIPTION	PRICE
1907	max diameter 190 flip-off	
0301	Diameter 160	
1907-3	max diameter 130 flip-off	
0301-1	with magnet in PVC	

## WALL SUPPORT FOR CO2 CYLINDERS



CODE	DESCRIPTION	PRICE
1907-1	Co2 - 2 Kg Diameter 104	
1907-2	Co2 - 5 Kg Diameter 136	

## EXTINGUISHER SPARE PARTS FOR PORTABLE AND MOBILE EXTINGUISHERS

### WHEELS FOR MOBILE EXTINGUISHER COMPLETE OF COTTER PIN OR WHEEL CHOCK

CODE	Ø	Kg max	Notes	PRICE
1686	100 mm	90	Rotating	
0124	300 mm	100	Bicomponent	
0124-1	300 mm	250	With bearings/rubberised	
0125	400 mm	200	Bicomponent	
0125-1	415 mm	200	With bearings/rubberised	



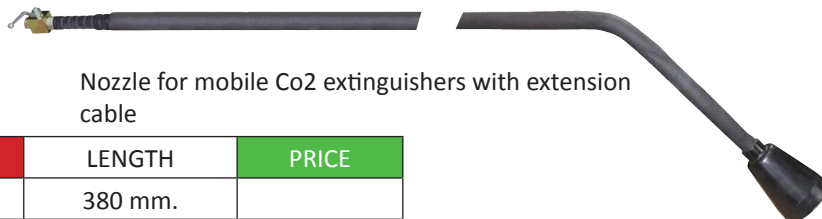
### WHEELED CARRIAGES



CODE	Ø CASING	Description	PRICE
0123	232 mm	Wheeled carriage for Co2 tank Diam. 232	
0122	360 mm	Wheeled carriage for Kg/Lt 100 ext.	
0121	315 mm	Wheeled carriage for Kg/Lt 50 ext.	
0120	270 mm	Wheeled carriage for Kg /Lt 30 ext.	
18488	163 mm	Co2 doble-cylinder carriage for Kg 10 EN 1866	
18487	267 mm	wheeled carriage for Co2 Kg 50 EN 1866	
1692		Mobile devices carriage 100/200 Kg	

Products consist only of the structure in painted steel PAR3000 with fasteners, wheels are sold separately. The product n. 1692 consists only of the painted structure RAL3000 (without wheels and accessories).

### NOZZLE FOR MOBILE CO2 EXTINGUISHERS



Nozzle for mobile Co2 extinguishers with extension cable

CODE	LENGTH	PRICE
0336	380 mm.	
1601	2,5 m	

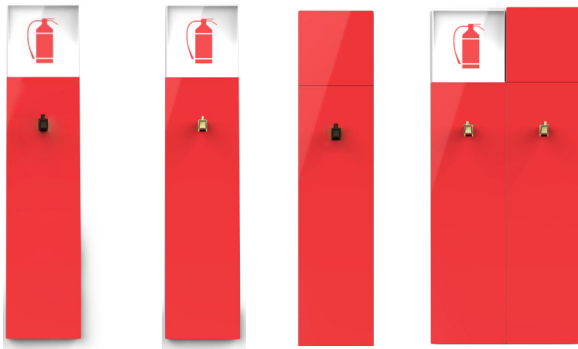
### NOZZLE FOR MOBILE EXTINGUISHERS



CODE	TPOLOGY	PRICE
2181	L 25-30-50	
2181-1	L 100/150	
2181-2	25-30-50 kg powder	
2181-3	100/150 kg powder	

NOZZLE WITH HANDLE FOR A BETTER STREAM PRECISION

## WALL SUPPORT



This wall support for extinguishers is made from polypropylene with injection moulding. It adapts to every extinguisher model and dimension, because of the choice between valve and cylinder support. It's an adjustable product with a diverse choice of combinations and colors (red and black). The innovative glass version includes a LED lamp that lights up to signal the position of the fire extinguisher when the fire alarm is activated.

CODE	DESCRIPTION	PRICE
2186	red, transparent head with LED	
2186-1	red, opaque cover	
2186-2	Red, transparent head, without LED	
2186-3	red, opaque cover	
2186-4	white, transparent head, with LED	
2186-5	white, transparent head, without LED	
2186-6	white, with opaque cover	
2186-7	white with, opaque cover	

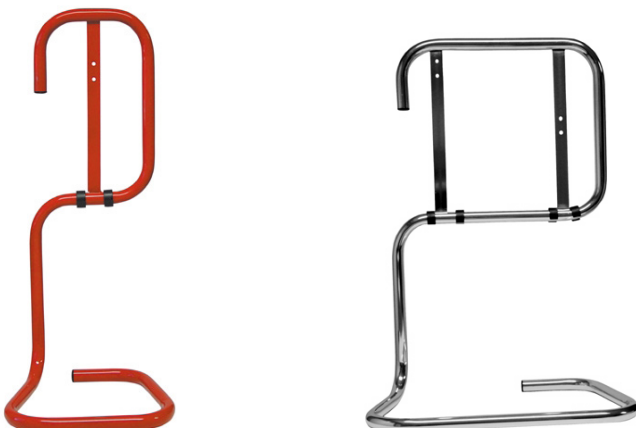
## POLYPROPYLENE STAND

Extinguisher stand in polypropylene with pole in aluminium. The base is simple and elegant in design, suitable for many different types of installation



CODE	SPECIFICATIONS	PRICE
0456-1	H 1162 - RED	
0457-1	H 1162 - BLACK	
0459-1	H 1162 - SILVER	
0456-2	H 1877 - RED	
0457-2	H 1877 - BLACK	
0459-2	H 1877 - SILVER	

## EXTINGUISHER STANDS



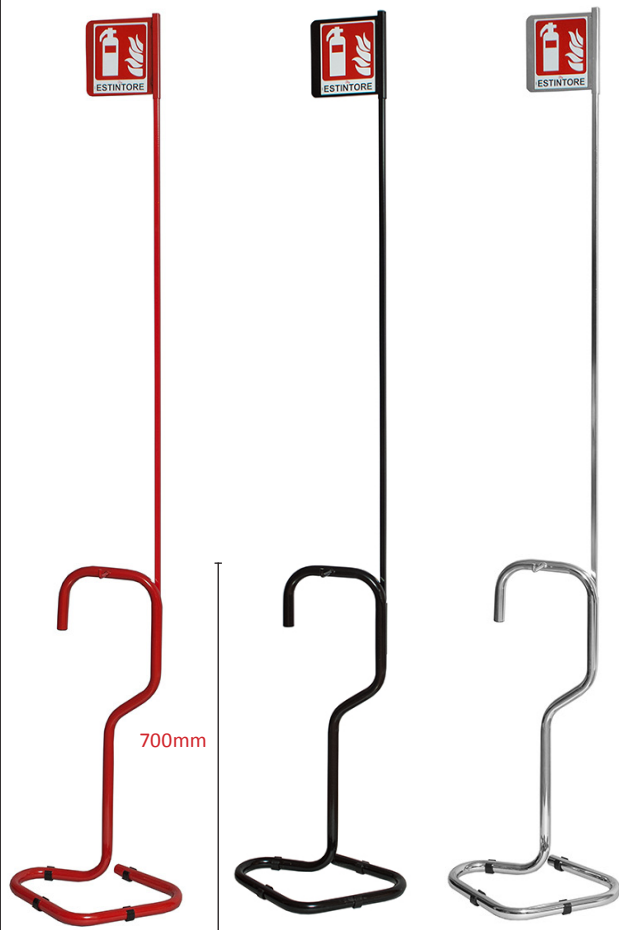
Extinguisher stands in painted and/or chrome steel RAL3000 for extinguishers with clip.

CODE	DESCRIPTION	PRICE
2141	base RAL3000	
2142	Chrome double base	

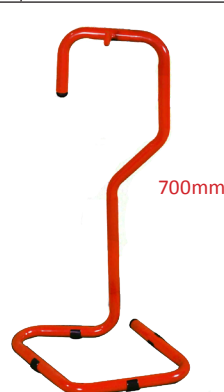


## EXTINGUISHER STANDS, BLACK/SILVER/RED MODEL

1800÷1900mm



CODE	TIPOLOGY	HEIGHT	PRICE
0457	Base+Rod and sign (Black) 2 Pcs.	1800 ÷ 1900 mm.	
0459	Base+Rod and Sign (Chromate) 2 Pcs.	1800 ÷ 1900 mm.	
0456	Base+Rod e Sign (Red) 2 Pcs.	1800 ÷ 1900 mm.	
0455	Base only (1 connection) Red	700 mm.	
1170	Base only (2 connections) Red	700 mm.	
1794	Stand Sign (Black)	-	
9083	Stand Sign (Chromate)	-	
1503	Stand Sign (Red)	-	



## EXTINGUISHER STANDS WITH ROUND BASE, BLACK/CHROME MODEL



CODE	TIPOLOGY	HEIGHT	PRICE
1935	Complete Stand (Black) 2 Pcs.	1800 ÷ 1900 mm.	
1933	Complete Stand (Chromate) 2 Pcs.	1800 ÷ 1900 mm.	
1934	Stand Base (Black)	700 mm.	
1932	Stand Base (Chromate)	700 mm.	

Stand with domed base in ABS and tubular rod in painted steel.

The complete model has another tubular pole and a double facial sign in black PVC.

## CO2/NITROGEN CYLINDERS



Co2 charged tanks complete with handwheel valve and protection cap					
CODE	Co2 Charge	Ø mm	H mm	Notes	PRICE
18518	2	103,5	475	For extinguishers	
18519	1,2	103,5	475	For extinguishers	
18525	0,8	103,5	475	For extinguishers	
1774	2	116	362	For food use T-PED	
1370	4	136	490	For food use T-PED	
1370R	4	136	490	For food use T-PED - residual	
1774R	2	116	362	For food use T-PED - residual	

Co2 charged tanks complete with handwheel valve and protection cap					
CODE	Nitrogen Bar	Ø mm	H mm	Volume	PRICE
18516	70	103,5	485	3 L	
18523	110	103,5	485	3 L	
18515	180	103,5	485	3 L	
18517	90	103,5	485	3 L	
1379	300	140	435	5 L	
1630	300	140	580	7 L	
1380	300	176	730	14 L	
1278	300	203		27 L	
1298	300	203	1695	40 L	

Empty cylinders without valve and cap					
CODE	Ø mm	H mm	Volume (L)	Notes	PRICE
18299	232	1180	40	For Co2	
18330	204	645	15	For Co2	
18332	232	850	28,6	For Co2	
18333	267	1470	68	For Co2	
18472	103,5	485	3	For Nitrogen	

### PROTECTIVE CAP



CODE	PRICE
0096	



CODE	PRICE
8623	



CODE	PRICE
18493	

### VALVE CAP

Safety valve cap  
W 21,7. 50-pieces  
pack



CODE	PRICE
0206	

### WATERPROOF PROTECTIVE COVER FOR EXTINGUISHERS WITH SERIGRAPHIC PRINT

They protect the extinguisher from dust, corrosion and atmospheric agents.



n°	CODE	TPOLOGY	PRICE
1	0401	For 6 kg powder portable extinguishers	
	1195	For 5 kg Co2 (9-12 powder) portable extinguishers	
2	1471	dim. 60x100x130H for mobile devices	
3	1795	Dim. 120x75 for 30-50 kg powder extinguisher/10-20 kg Co2 extinguisher	
	1796	Dim. 150x95 for 100 kg powder extinguisher/30-50 kg co2 extinguisher	
	1797	Dim. 180x110 for 150 Kg powder	

# EXTINGUISHER ACCESSORIES FOR PORTABLE AND MOBILE EXTINGUISHERS

## WALL SUPPORTS

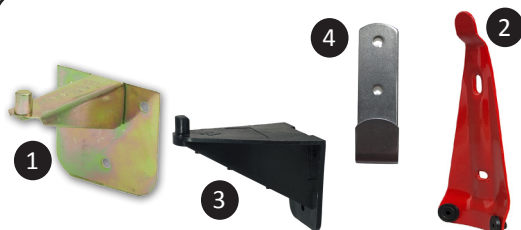


CODE	FOR STAINLESS STEEL EXTINGUISHERS	Ø mm	PRICE
1167	co2 2 kg Stainless steel	111	
1238	co2 2 kg Steel	116	
0315	3/4 kg powder/foam	130	
0319	co2 5 kg Steel	140	
1429	co2 5 kg Steel	152	
0316	6 kg powder	160	
1338	6 kg powder	160	
0318-1	9 kg powder/foam	170	
0318	9-12 kg powder	180	
0326	1 kg powder	85	
0327	2 kg powder	110	

CODE	FOR STAINLESS STEEL EXTINGUISHERS	Ø mm	PRICE
0325	9-12 kg powder	180	
1464	6 kg powder	160	
1465	5 kg co2	140	

CODE	FOR THE MARE SERIES STAINLESS STEEL EXTINGUISHERS	PRICE
0315-1	for casings of Diam. 130	
0316-1	for casings Diam. 160	
0317-1	for casings Diam. 190	

## WALL SUPPORTS



n°	CODE	DESCRIPTION	PRICE
1	0313	Metal	
2	3036	Metal	
3	0323	PVC	
4	3036-1	J Bracket	

## POLYPROPYLENE WALL SUPPORTS



This extinguisher wall support is made of polypropylene, with the technique of the injection moulding. It is suitable for every type of extinguisher, easy to assemble and available in different colours (red and white). Moreover, it is a design product, which reduces the visual impact of the extinguisher.  
Dim. 386x234x400



CODE	COLOUR	PRICE
2174	White	
2174-1	Red	

## SUPPORTS FOR SHIPS



CODE	DIMENSIONS	PRICE
0324	160 mm Lockable	
0324-1	160 mm With laces	
0325-1	180 mm Lockable	
0325-2	180 mm With laces	

## DOMES FOR EXTINGUISHERS



CODE	DESCRIPTIONS	PRICE
1862	Ø 160 mm Black colour	
1862-2	Ø 160 mm Blue colour	
1862-3	Ø 160 mm Satin grey colour	
1862-5	Ø 158 mm Black colour	
1863	Ø 160 mm Chrome colour	



## PERIODIC INSPECTION REGISTER



CODE	PRICE
0080	

## BOXES FOR DOCUMENTS



CODICE		PREZZO
0952	In ABS Dim. mm 305x52x366H	
0951A	In Metallo Dim. mm 250x50x350H	

## LEAK-FINDER



It allows to verify the leaktight

CODE	PRICE
1119	

## PERFORATING NIPPER (Light 50mm.)



CODE	TPOLOGY	PRICE
0405	Circle hole	
0406	Fantasy hole	

## CLAMP CASE



Black leather  
(Crust)

CODICE	PREZZO
1372	

## HAMMER CASE



Huge pocket made  
of EVA with cut-in for  
pens

CODE	PRICE
9437	

## MAINTAINER BAG



Standard fitted-in: 1 brush, 2 screwdrivers, 1 rubber hammer, 1 portable dynamometer with 50 kg of capacity, 1 hole-driller, 1 adjustable wrench, 1 universal pipe wrenches, 1 retractable metre, 3 set of seals, 1 set of safety plugs, 1 set of seals for signs.

CODE	DESCRIPTION	PRICE
8448	Empty bag	
1703	Full bag	

## MAINTAINER VEST



Tg.	CODES
	Navy
S	10026-1
M	10027-1
L	10028-1
XL	10029-1
XXL	10030-1
3XL	10031-1
4XL	10032-1
€	€ 62,62

DESCRIPTION:  
2 huge front pockets  
made of velcro, 4  
little pockets, lateral  
splits, badge pocket.

Available in 3 other  
colours. Look up  
in the PPE section  
at the voice "firefi-  
ghting maintenance"

## HAMMER CASE



Back ring with clip-on lock.  
Whit lateral elastic band  
for pens.

CODE	PRICE
9438	

## INSPECTION LAMP



Inspection lamp with LED, equipped with a metal, flexible extension cable, and an anatomic, rubber, slip-and-impact-resistant handle.

CODE	PRICE
0413	

### TECHNICAL SPECIFICATIONS

Dimension mm.	520 x 40
Power supply	2 SBatteries AAA (LR03)
Pack	1 Piece

## PNEUMATIC PLIER



For the extinguisher pressurizations

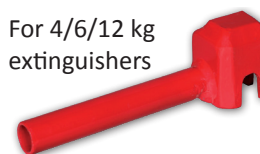
CODE	PRICE
0461	
5000	

Cono Tornito in EPDM

## MANUAL WRENCH

Manual wrench for disassembling the extinguishers

For 4/6/12 kg extinguishers



CODE	PRICE
0412	

## MANUAL WRENCH

For disassembling mobile extinguishers

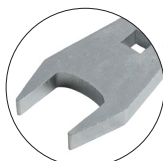
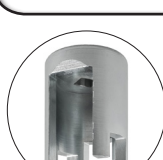


CODE	PRICE
1970	

## DYNAMOMETRIC WRENCH



2



4

3



CODE	TPOLOGY	PRICE
0462	1 - dynamometric wrench - SIT Certificate on request	
0463	2 - For M30 extinguisher	
0464	3 - For mobile extinguishers	
0465	4 - For CO2 exting.Passo 27	
1614	4 - For CO2 exting.Passo 30	
0463-2	5 - For M45 extinguishers	
0463-1	5 - For M58 extinguishers	

## FLAME PROOF BLANKET

Flame proof blankets, made of certified glass fabric.

TUBE	BAG	Normativa: EN 1869	
CODE	MISURE	PRICE	
Cod. 6171	-----	900x900 mm	
Cod. 6172	Cod. 6204	1200x1800 mm	
Cod. 6173	-----	1800x1800 mm	



## BELT FOR UTENSILS



4 Rings with regolable dimension. Regolable central rings.

CODE	PRICE
9439	

## BELT FOR UTENSILS

4 huge central pockets. 2 lateral small pockets.



Tissue ring for hammer. Staff for signs. Pen and screwdriver holder.

CODE	PRICE
9440	

## DATA TERMINAL CASE



Huge data terminal pocket. Central elastic snap closure. Back ring.

CODE	PRICE
9441	

## ELECTRONIC PORTABLE DYNAMOMETERS

N°	CODE	CAPACITY	SCALE INTERVAL	PRICE
1	0414	15 Kg.	20 g.	
2	0415	50 Kg.	50 g.	

### TECHNICAL CHARACTERISTICS

Dimension mm.	180x90x30
Precision	± 2 scale interval
Structure	In ABS with chrome metal hooks
Display	LCD 14 mm.
Power supply	1 Alkaline battery
Functions	Weight, Tare, Block
Weight	N. W. 240 g.
Included accessories	Retractable Metre 1 m.
Not included access.	Alkaline battery



## MANUAL VICE

Manual bench vice, ideal for a better stability during the maintenance.

CODE	PRICE
1193	



### TECHNICAL SPECIFICATIONS

Dimension mm.	H160 x L400 x P230
Tightened diameters	from 80 to 190mm.
Supply	Manual
Type of extinguishers	Powder Portable

## MANOMETER FOR PRESSURE CONTROL



Suitable for valves with external check valve



CODE	PRICE
0453	

CODE	PRICE
0453-1	

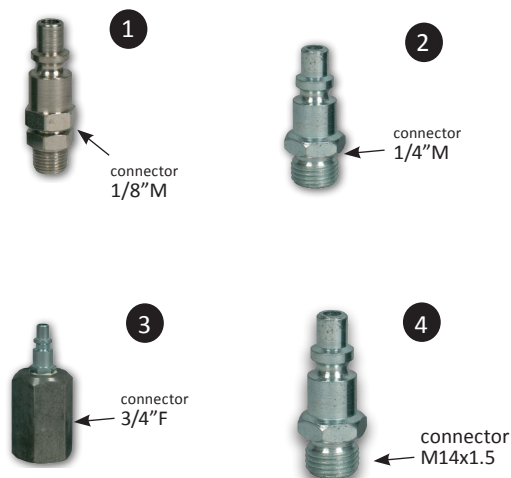
## WRENCH FOR CONTROL VALVE

CODE	PRICE
0411	



## QUICK CONNECTORS

Quick connectors for the pressurization of portable and mobile extinguishers



	CODE	TPOLOGY	PRICE
1	0407	1/2 Kg	
2	0408	4/6/9/12 Kg	
3	0446	30/50/100 Kg	
4	0408-1	6 Kg M 58x2	

## PRESSURE REDUCER



Until 40 Bar	
CODE	PRICE
1178	

Until 20 Bar	
CODE	PRICE
0410	

Until 20 Bar with a second safety valve	
CODE	PRICE
0410-1	

## DIGITAL DEVICE FOR PRESSURE CONTROL



Digital manometer for the extinguisher pressure control. Possibility of printing on receipt.

CODE	PRICE
2136	

COMPLETE OF PRINTER WITH RELEASE OF REPORT



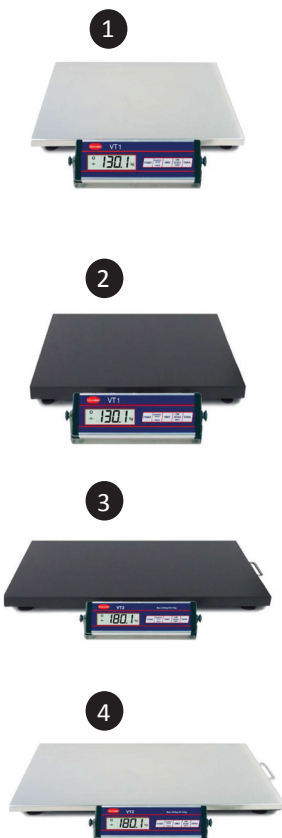
# ELECTRONIC SCALES

## PROGRAMMABLE ELECTRONIC SCALES



TECHNICAL SPECIFICATIONS							
N°	CODE	MODEL	CAPACITY	SCALE INTERVAL	Dimension	SIT CERTIFICATE	PRICE
1	0424	W100 75	75 Kg.	5 g	300x400x750	Sit certificate offer on request	
1	0426	W100 150	150 Kg.	20/50 g.	300x400x750		
1	0428	W100 300	150/300kg	20 g.	420x520x750		
4	0429	JIK6 300	300kg	10g	420x520x750		
4	0430	JIK6 600	600kg	20g	800x800x750		
3	0431	JIK6 15	15 Kg.	0.5g	330x440x750		
3	0432	JIK6 30	30 Kg.	1g	330x440x750		
3	0433	JIK6 60	60kg.	20g	330x440x750		
2	0434	W100 100	60/100kg	10 g.	330x440x750		
TECHNICAL SPECIFICATIONS: W100 75 - W100 150 - W100 300 - W100 100							
Structure		Base made of painted die cast aluminium, with weighing base in washable stainless steel					
Method of weighing		simple tare counting					
Display		big LED 25mm back-lighted with multifunction keyboard					
Power supply		rechargeable battery with rechargeable or electrical cable					
Included accessories		RS232, electrical supplying cable, regulable stands, column, adjustable display supp.					
TECHNICAL CHARACTERISTICS: JIK6 300 - JIK 600 - JIK6 15 - JIK6 30 - JIK6 60							
Structure		Base made of painted die cast aluminium, with weighing surfacein washable stainless steel					
Method of weighing		Tare,Pre-tara Simple counting, function %					
Display		Big LCD 30mm back-lighted with multifunction keyboard					
Power supply		Rechargeable battery (60-hour life) or with electric cable					

## PORTABLE SCALES



TECHNICAL CHARACTERISTICS						
N°	CODE	MODEL	CAPACITY	SCALE INTERVAL	DIM. (mm.)	PRICE
1	0436	VT 1 INOX 00090UB	30/60kg	10/20g	550x550x8 2- meter cable	
1	0437	VT 1 INOX 00090UB	60/150kg	20/50g		
2	0436-1	VT 1 IRON 00090UD	30/60kg	10/20g	550x550x80 2-meter cable	
2	0437-1	VT 1 IRON 00090UC	60/150kg	20/50g		
3	0438	VT 2 IRON 00090V	150/300kg	50/100g	990x550x80 2-meter cable	
4	0439	VT 2 INOX 00090VA	150/300kg	50/100g	990x550x80 2-meter cable	
Structure			Steel tubular and steel disc Platform structure with tubulars in painted metal with washable weighing surface;			
Display			LCD 25 mm.			
Power supply			Rechargeable battery(45-hours life) or external supplier.			
Functions			tare and reset, Weight blockage, Unit of measure, External Calibration, programmable Autooff.			
Included accessories			RS232, Supplier, Adjustable stands; Low-battery signal, wall-mounted viewer Kit or desk support.			
Not included accessories			Printer			

FAMILY 05



CODE	PRICE
0440	

TECHNICAL SPECIFICATIONS:

Total dimension	Weight(overall mass)	Power supply	Absorbed strength	Max. sound level
1190mm L x 580mm P x 1450mm H	about 280 Kg.	220 Vca - 50/60 Hz	Max 3 KVA	70 dB (A)

SYSTEM FOR RELOADING AND HYDRAULIC TESTING OF PORTABLE AND MOBILE CO2, POWDER, GAS, AND FOAM EXTINGUISHERS PURSUANT TO LEGISLATION UNI 9994 AND FOR REWINDING AND HYDRAULIC AND DRY TESTING OF FIRE HOSES UNI 25-45-70.

Our company is a leader in the production and maintenance of fire extinguishers of all kinds, as demonstrated by the commercial success of its products and by the UNI EN ISO 9001 certification. We are pleased to introduce the FAMILY 05 system, an innovative device fully designed and built by the company and destined to revolutionise the world of maintaining, overhauling, and testing any type of powder, CO2, or foam extinguisher, as well as hoses UNI 25-45-70, both at a fixed location or directly at a home, in full compliance with all the requirements under UNI 9994 legislation on maintenance and testing requirements for fire extinguishers and, in

the execution of maintenance and testing, in accordance with the provision of Legislative Decree 81/08. Thanks to FAMILY 05, it is now possible to offer an at-home service, installing the machinery in any type of maintenance van with a top quality exclusively and only achievable with services carried out at a fixed location using various bulky equipment. This enables you to significantly reduce maintenance costs and increase the efficiency of your service, thus making it more attractive to customers. FAMILY 05 racchiude infatti al suo interno tutte le capacità operative di oltre otto macchinari di vecchia concezione abbassando di conseguenza anche la soglia di investimento a cui la Vostra ditta di manutenzione dei presidi antincendio fino ad oggi era costretta a sottoporsi.

DESCRIPTION OF USE:

Compared to all other equipment for the same purpose, the FAMILY 05 system, thanks to its small size, enables you to carry out reloading and hydraulic testing of mobile and portable CO2, powder, gas, and foam extinguishers pursuant to UNI9994 regulations, and rewinding and testing of fire hoses UNI 25-45-70 at the place of work of the owner or of the customer themselves. Thanks to its reduced electrical power and the operating voltage of 220V, FAMILY 05 can operate connected to either an electrical or a civilian system

## FAMILY 05 COMPONENTS



### VACUUM PUMP FOR POWDER

Vacuum pump for emptying and refilling powder; the pump is equipped with protective filters for transferring powder during loading operations.

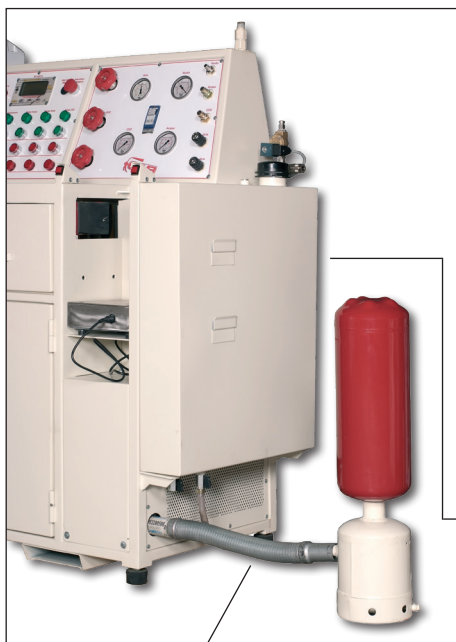
### PNEUMATIC VICE

Pneumatic vice for holding the casing of the extinguisher in place, a basic requirement for screwing and unscrewing the valves.



### ELECTRONIC SCALE

Electronic scale for better precision when reloading casing.



### CO2 PUMP

Pump for transferring CO2, essential for reloading extinguishers by transferring liquid CO2 from a storage cylinder to the individual fire extinguisher



### STAINLESS STEEL WATER RECOVERY TANK

80 L stainless steel tank, useful for all operations where it is necessary or preferable not to waste the water used for hydrostatic/ hydraulic testing.

### HOT AIR GENERATOR

Hot air generator, essential for drying the casings after a hydrostatic test.

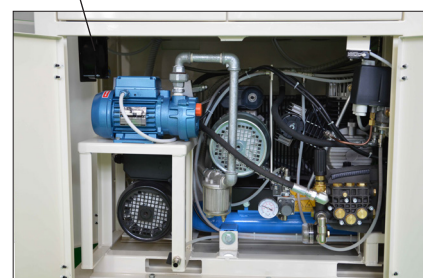


### WATER PUMP

Water pump that can be used for:  
- hydrostatic extinguisher test to check the integrity of the tank;  
-hydraulic hose test.

### AIR COMPRESSOR

18 bar air compressor for dry pressurising UNI 25-45-70 hoses and for all cleaning typically done at the end of an overhaul.





COMPONENTS NOT INCLUDED IN FAMILY 05

MANUAL HOSE WINDING UNIT

Manual hose winding unit complete with manual-rollers to expel water.



CODE	PRICE
0443	

BENCH VISE



CODE	PRICE
0442	

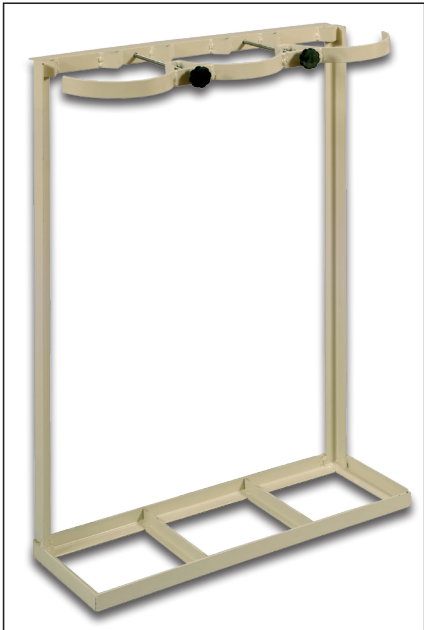
CONNECTION FOR FITTINGS UNI 45/70



CODE	PRICE
0445	

RACK FOR RELOADING CYLINDERS

Rack for reloading cylinders of extinguisher to be installed inside the equipped van or at place of work.



CODE	PRICE
0444	

## CARRIAGE FOR AIR UNI 45 HOSE TEST



### TECHNICAL CHARACTERISTICS:

- stainless steel structure D.800x63x1200 h, weight about 70 kg
- power source compressor Volt 220 kw 1,5 20 B max + 18 lt tank
- mechanic safety valve
- 0 – 40 glycerin pressure control manometer
- two-position manifold for UNI 45 hose
- extension cable with automatic winder (MT.14+2 kw 1,8 spring) for electric cable
- manual hose winder with electric option

CODE	PRICE
1534-2	

## PORTABLE WATER CARRIAGE FOR HOSES

CODE	PRICE
1534-4	



### TECHNICAL CHARACTERISTICS

- stainless steel structure D. about 800x480x1100
- motor-reducer with safety clutch for hose winding
- hose winder with mechanic safety clutch
- start and stop control case (for pump engine)
- mechanic safety valve, 20 Bar tared
- pump engine Volt 220 HP 2,0
- pump with 20 lt per minute capacity, Bar 120 max + pressure regulator
- control knob for manual pressure control
- N. 4 collector with three connections UNI 45 hose
- 14 meters electric cable winder with sprig return Kw 1,8

## CARRIAGE FOR WATER TEST OF HOSES AND TANKS

CODE	PRICE
1534-5	



### TECHNICAL CHARACTERISTICS

- Stainless steel structure D. about 800x480x1100
- hose winding motor-reducer with electric pedal controller
- hose winder with mechanic safety clutch
- 20-Bar-tared safety valve for hoses
- Selection valves for hose/tank tests
- Start and stop control case pump engine
- Pump engine Volt 220 HP 2,0
- Pump with 15 lt per minute capacity Bar 200 max.
- control knob for manual pressure control
- hose pressure control manometer
- extinguisher tank pressure control manometer
- N. 4 collector with three connections UNI 45 hose
- 17 meters electric cable winder with sprig return Kw 1,8
- Stainless steel connector M30x1,5 for extinguisher tanks
- Overall weight 95,0 kg

## WATER TESTING MACHINE



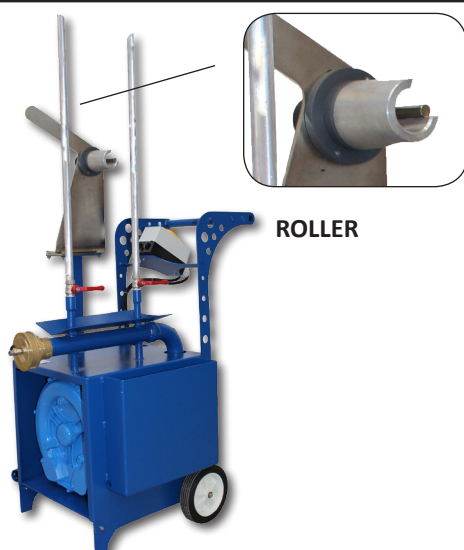
## TECHNICAL SPECIFICATIONS

Dimensions (mm.)	H = 988 - L = 529 - P = 477
Weight	Kg. 61
Pump max. capacity	8 L/min a 120 ATM
Engine	1,8 Kw - 1450 rpm - 50Hz
Power source	220 V

CODE	PRICE
5001	

Equipment for water testing tanks for portable fire extinguishers up to 34ATM and UNI 70 and UNI 45 hoses up to 12/15ATM, comes with 10 L reserve water

## DRYING MACHINE ROLLER



ROLLER

## COMPONENTI

- Toroidal fan engine  
220V - 1,5 Hp - 50 Hz
- Fire hose adapter type UNI 70
- Cork UNI 45

Equipment for drying tanks for portable fire extinguishers and fire hoses, comes with a roller.

CODE	PRICE
5002	

## TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 130 - L = 1000 - P = 670
Weight	Kg. 57
Power source	220 V

## CARRIAGE FOR EXTINGUISHER MAINTENANCE



## TECHNICAL CHARACTERISTICS

- Stainless steel structure D. 800x63x1200 h, 20 kg weight
- Rotatable vice, with brake shoe covered with rubber
- 5,0 lt Nitrogen cylinder
- Pressure reducer competed with curl tube
- Tool kit case
- Wheels with up-and-down-system for steps
- Drum for N.6 of 6 kg extinguishers

CODE	PRICE
1534-1	



## CARBON DIOXIDE PUMP

### TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 540 - L = 620 - P = 220
Empty Weight	Kg. 45
Single phase engine	220V - 3 Hp - 2800 giri/min
Loading speed	1,8 Kw - 1450 rpm - 50Hz

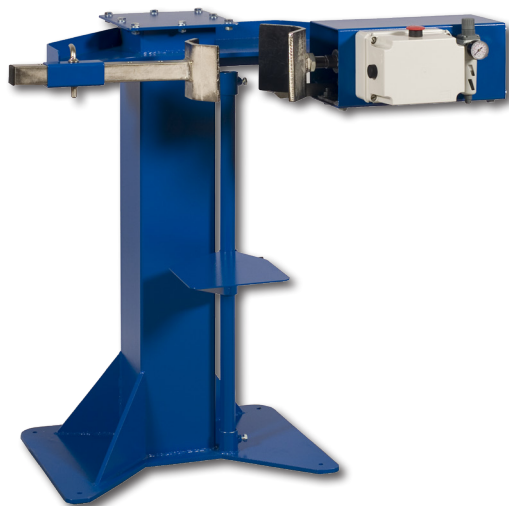
Equipment that enables you to load fire extinguishers or carbon dioxide cylinders, compressing the liquid CO<sub>2</sub> at high pressure directly into the cylinder. Can be used for cylinders or tanks with a capacity from 0.2 to 45 Kg. It has a universal quick connection fitted with residual CO<sub>2</sub> vent.

CODE	PRICE
1192	



## PNEUMATIC VICE

Pneumatic vices with a foundation similar to the one of the weighing machinery, for the dismantling of low-and-high-pressured portable extinguisher valves. Available in different versions, with turning base and tightening diameter from 80 to 260 mm. Power supply 10 Bar max.



CODE	PRICE
1315	on request

### TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 1000 L = 1070/1150 P = 600
Weight	Kg. 90/130
Power source	max. 8 atm pneumatic

## MACHINE FOR CO<sub>2</sub> VALVES

This device enables you to loosen or tighten the valves on CO<sub>2</sub> cylinders of any capacity. It is fitted with a pneumatic clamp that holds tanks with a capacity from 2 to 50 kg in place. The tightening torque is set by the keyboard with automatic locking. It is equipped with two-hand control in compliance with accident prevention regulations.



CODE	PRICE
9479	

### COMPONENTS

- Steel frame with baked enamel finish.
- Extendible clamping arm for cylinders with a height 90 cm. to 2 meters.
- Universal key adjustable from 24 to 51 mm.
- Three-phase electric motor with gear reducer.
- Control panel with inverter.

AVAILABLE IN DIFFERENT VERSIONS IN RELATION WITH DIAMETERS

# POWDER COLLECTING DRUMS

These are secure metal tanks, fitted with two filters made of a special material to let air escape. They enable you to unload the powder to be disposed of directly from the pressurised extinguisher into bags.



## COMPONENTS:

- Pressure gauge for measuring internal pressure.
- Safety valve
- Quick disassembly lid.
- 1.5 m hose with quick connector for direct discharge from the extinguisher.
- Outer casing made from sheet steel with baked enamel finish.
- Carrying handles.

## TECHNICAL CHARACTERISTICS

Dimensions (mm.)	H = 600 - Ø 450
Weight	Kg. 25
Capacity	Max. 30 Kg.

CODE	PRICE
1643	



Secure metal tank with baked enamel finish for collecting powder.

## COMPONENTS:

Powder intake with 60mm diameter  
Adaptation for output  
CODE 9628 - 1319 - 1317  
Quick disassembly lid  
Carrying handles.

CODE	PRICE
9430	



Powder collection drum for emptying powder extinguishers, for carrying out operations in full compliance with hygiene and safety regulations in the work of maintenance and testing personnel, and where such operations are to be performed.

## SPARE ACCESSORIES:

Nylon bags for powder  
Kg.1 = 10 Bags Cod. 1134 € 21,00  
Air intake filter Cod. 1803 € 65,00

CODE	PRICE
0441	



This machinery is a valid way to empty portable and mobile powder pressurized extinguishers, without the need of heavy and large sized equipment.

## TECHNICAL CHARACTERISTICS

Dimensions (mm.)	1200 x 500 x 500 mm;
Weight	40 Kg
Capacity	180 Lt;

CODE	PRICE
1643-1	

## POWDER RECOVERY MACHINE



CODE	PRICE
1605	

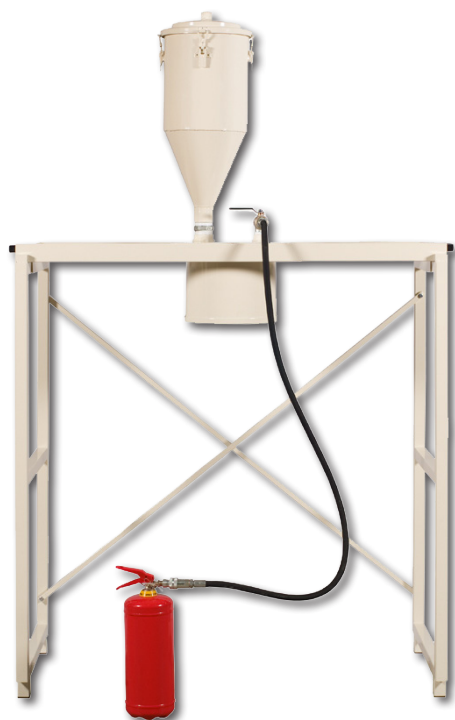
This device allows the powder to be disposed of to be recovered directly from portable or mobile extinguishers, both pressurised or non-pressurised, in large 1,000 kg bags, without any environmental pollution. The controls, both electrical and eumatic, are positioned in two control units within easy reach of the operator.

The recovery speed is about 3,000 kg of powder per day. The machine is equipped with three connections for emptying fire extinguishers, which include an aluminum tube for suction of non-pressurised tanks, a quick connector with high-pressure hose for mobile and special extinguishers, and a rubber flanged diaphragm with calibrated hole for directly discharging portable extinguishers without removing the hose.

### COMPONENTS

- 1 x 400 kg powder silo with baked enamel finish fitted with filters and pneumatically controlled ball valves.
- 1 pneumatically controlled butterfly valve DN 250 for emptying silos.
- 1 control unit for pneumatic valves.
- 1 electrical control box fitted with start and stop switch, power on and motor running indicators, and circuit breaker.
- Electrically operated fan type toroidal motor with high head, 2.2 KW 380 V.
- 1 hose with quick connection for emptying pressurised extinguishers.
- 1 flexible tube equipped with no. 2 aluminum tubes with different diameters for suctioning residual powder.
- 1 rubber flanged diaphragm.

## EXTINGUISHER EMPTYING MACHINE



Modular metal structure for emptying pressurised extinguishers directly into 1000 kg big bags.

Fitted with 3 absolute powder filters to relieve pressure without environmental pollution and high pressure hose with quick connections for portable and mobile fire extinguishers.

CODE	PRICE
9478	



## EQUIPMENT FOR LOADING AND EMPTYING OF POWDER EXTINGUISHER TANKS

Equipment that enables any portable or mobile powder extinguisher to be loaded and emptied. They can even be transported on vehicles and can be adapted to equipped vans. Quiet and extremely simple to use, with virtually unlimited operating conditions, these enable any type of work without environmental pollution from the powder.

CODE	PRICE
1319	



TECHNICAL CHARACTERISTICS	
Dimensions (mm.)	H = 1780 L = 500 P = 570

CODE	PRICE
1319-1	



TECHNICAL CHARACTERISTICS	
Dimensions (mm.)	H = 1700 L = 500 P = 570

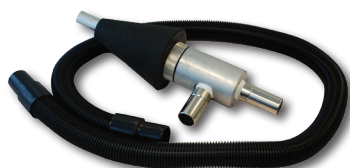
CODE	PRICE
1317	



TECHNICAL CHARACTERISTICS	
Dimensions (mm.)	H = 1780 L = 500 P = 800

**Accessory for transferring powder away from the loading machine**

How to use: place the rubber cone on the tank to be loaded. Connect the hose to the side connector of the Venturi cone; start the motor and suction all powder through the hose placed over the cone. The conical rubber part can be unscrewed and attached directly to the machine

**COMPONENTS**

Moulded rubber cone 120 mm diam  
Machined aluminum structure  
Black flexible tube L = 1700 mm

CODE	PRICE
9628	

**SLIDE FOR CODE 1319 - 1317**

An accessory that enables machinery for working outdoors and loading mobile extinguisher tanks to be repositioned on equipped vans. There are two versions per type of machine. Dimensions: H = 400 mm - L = 500mm - W = 900 mm

**COMPONENTS**

- 2 slides to be fixed on the loading bed L=900 mm.
- Self-propelled frame with baked enamel finish for housing support rod 1319-1317.
- 8 double-wheeled trolleys for sliding.
- 2 removable fasteners to use for relocations.



CODE	PRICE
5003	

The 1756 equipment allows to make the leap in quality for the production / refilling of portable fire extinguishers and wheeled ones with a capacity from 1 to 100 Kg. With a loading speed for standard ABC powders of about 1 kg / second allows a production / refilling of about 600 extinguishers of 6 kg each per day whereas the dead time for the supply of powder and tanks. The powder is stored in the 1000 kg tank which is equipped with direct suction system run by big-bag or sackets.

## COMPONENTS

- No. 1 Silos of 1.3 mc, with filters, reinforced steel, 5 mm thickness, painted, capacity of 1000 kg of ABC powder.
- N. 1 smaller Silo with empty tank function and fine powder recovery cycle.
- No. 1 group with an aluminum frame which contains the electronic scale plan, head control, actuators button and the mushroom emergency button in full compliance with safety regulations, pressure reducing valves, solenoid valves and the general framework managed by PLC with the balance display. The system is equipped with 12 weight memories



Dim. 3600Lx1600Px3000H mm



CODE	PRICE
1756	

TECHNICAL CHARACTERISTICS	
Empty weight	750 Kg
Vacuum Pump	(50 mc/h - 380V) in oil bath
Electric scale	laptop with keyboard (220V) weighing 20 kg maximum
Capacity	1000 kg. ABC Powder
Speed filling	1 Kg powder / second (ABC to 40% of monoammonium phosphate)
Ball Valves	A pneumatic control
Necessary connections	n. 1 5-pin socket (220 / 380V) n. 1 compressed air strip min. 8 bar

The refilling machines for powder extinguishers are systems that allow the most speed in charging. With just 6 seconds you can load a 6 kg powder extinguisher.

All the machines here represented can be modulated according to the plant's space requirements and logistics moreover they can be integrated with specific accessories for the use of two different types of powder (40% - 90%).

The machines installation for fire extinguishers refilling will be assisted by our technicians who will carry out a training to your company's staff for the proper use of the installed equipment. All the machines are made to facilitate the refilling time so easy to use and maintain.

All systems are built and assembled with certified products and in compliance with safety regulations.

This machinery finally fill the gap between manual machines for the filling powders and the installation of high productivity. The equipment indeed, can be used by small and medium-sized maintenance workers too, thanks to its reduced dimension and its moderate price. With its rapidity of filling powders standard ABC of 1 kg./3 sec, managed by an electronic weighing system, allowing a filling of about 560 fire extinguishers of 6 kg every day, considering downtimes for the filling of powders in the reservoir. The powder aspiration in the reservoir is made by a hopper directed by big-bag, times of reservoir's filling is about 15/20 minutes.

#### COMPONENTS

- N.1 reservoir, provided with filters, in painted carbon steel, capacity 1000 kg of powder ABC.
- N.1 smaller reservoir, its function as empty reservoir and recovery of powders at the end of the cycle.
- N.1 hopper for the reservoir's filling and the containment of powders, with primary filter "break.-powder" and a cleaning system for eventual powder spills.
- N.1 group with an aluminium frame that contains: pump for the empty, weighing system, head of control, actuators pushbutton and emergency-stop mushroom pushbutton, in full compliance with accident prevention rules, the general electric panel with the scale monitor.
- Optional: accessory for loading of tracking shot and relating scale.

#### TECHNICAL INFORMATION

- Dimensions: L x P x H 2000 x 2000 x 2900 mm including spaces of relevance.
- Unladen weight: 400 kg
- Vacuum pump (20mc/h - 380 V) 0.75 Kw oil immersed
- Portable electronic scale with keyboard (220 V) maximum weight 20 kg.
- Positioning head of filling in manual scrolling
- Manual system of powder's aspiration at the end of the cycle and cleanliness of the ferrule to avoid the leak of powder in the environment.
- Fuelling: N.1 socket CE 380V 5p 16 A more aria 8 bar



CODE	PRICE
1756-2	

#### Filling sector:

- Semiautomatic filling post, aluminium stainless steel portable fire-extinguishers pneumatic acting with automatic system of cleaning ferrule at the end of the cycle, velocity of the passage 1 kg/sec with standard powder 40%
- General panel is managed by PLC with electronic system for the weighing of loaded powder in 12 controls that can be set through keyboard.
- Filling tracking shot with valves post at manual acting with weighing electronic system, velocity of filling the tracking shot is by 50 kg. Around 2 min with standard powders 40%.
- Empty lung reservoir – recovery of powders at the end of the cycle, complete of absolute powder's filter.
- Containment powders in the reservoir: 1000kg thickness of the steel 5 mm. Complete of absolute powder's filter.
- Hopper fulling powders reservoir, with break-powder and recovery system and cleaning powders at the end of the loading straight by big-bag , filling of 1000 kg in about 475 min with standard powders 40%.

#### Emptying sector:

- temporary reservoir for the containment of used up powders, of 400 kg. Complete of absolute powder's filter.
- Emptying of used up powders by temporary reservoir at big-bag, through pneumatic throttle DN250.
- Re-circulation of air system during the phase of emptying.
- Three joints for the emptying of the fire extinguishers, of which:
- Gummed flange for the direct discharge of pressured extinguishers.
- High pressure pipe with rapid attack for a safe discharge of the tracking suit.
- Aluminium dip tube for the aspiration of no pressured reservoir's powder.



CODICE	PREZZO
2157	



## MACHINES AND ACCESSORIES FOR MAINTENERS

### SIMULATOR FOR FIRE TEAM TRAINING

Completed with thermocouple, safety valve and rubber tube L. 5m



Dim. mm diameter 905 - H mm 225

CODE	PRICE
0359	



Dim. 960x960x200H mm

CODE	PRICE
1386	

### SPARE PARTS- ACCESSORIES

REGULATOR GAS LPG 25  
BAR 6/8 KG. FOR  
BATH TRAINING



CODE	PRICE
1760	

THERMOCOUPLE FOR  
BATH M8X1 L=400



CODE	PRICE
1759	

ROD FOR SPRAY OPE-  
NING



CODE	PRICE
0360	

GAS SPRAY REFILL



CODE	PRICE
0361	

GPL RUBBER TUBE  
8x13 10 BAR

5 m.



CODE	PRICE
1757	

### SMOKE MACHINE

It is a smoke machine of small dimensions.  
It is non-toxic and leaves no residue. It is possible  
to control the smoke emission remotely, through  
a 5-meters cable.  
It is ideal for simulating special effects of emer-  
gency cases and making the evacuation tests  
effective as provided by law.

#### TECHNICAL SCHEDULE

Supply	230Vac 50-60 Hz
Max. Power	800W
Control	Remote Control
Removable tank	3 Liters
Delivery time	20 seconds
Throw smoke	5 meters



CODE	PRICE
1409	

### 5L LIQUID SMOKE DRUM



Liquid for smoke  
generating machines.  
Non-toxic. Neutral  
fragrance.

CODE	PRICE
1410	




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