



Regulations on fire extinguishers: types of fire that extinguishers can put out: the letter stands for the type of material, the number for the extinguishing effectiveness. A = dry material (paper, wood, etc.) - B = liquids (hydrocarbons) - C = gas (butane, propane).

Portable fire extinguishers



MED-type approved powder extinguisher

ALUMINUM TANK

Filled with powder, model without pressure gauge. One-piece stainless aluminium bottle with bracket.

Code	kg	Extinguishing category
31.450.00	1	5A 34B C



1 Kg



2 Kg



MED type-approved powder extinguisher with pressure gauge

ALUMINUM TANK

Rust-proof aluminium cylinder; includes support bracket. Valid for pleasure + commercial boating.

Code	kg	Extinguishing category	Approved in
31.450.01	1	5A 34B C	Italy/Croatia/Slovenia/Switzerland
31.450.02	2	13A 89B C	Italy/Croatia/Slovenia/Switzerland
31.448.01	1	5A 34B C	UK/France
31.448.02	2	13A 89B C	UK/France
31.447.01	1	5A 34B C	Germany/Austria
31.447.02	2	13A 89B C	Germany/Austria



ANF fire extinguisher with AFFF MED type-tested foam

ALUMINUM TANK

Ideal in **kitchens** since it effectively extinguishes **vegetal oil flames used to cook**. Rustless aluminium bottle with support.

Code	kg	Extinguishing category	mm
31.450.12	2	8A - 70B - 25F	380x108



31.451.03



31.452.05



31.452.02



31.451.05



MED-approved fire extinguisher

Approved by Marine Equipment (MED), suitable for Commercial Boating in all countries that comply with SOLAS standards.

Code	kg	Extinguishing product	Extinguishing class	mm
31.451.03	3	powder	13A-89BC	130x390
31.451.05	6	powder	34A-233B-C	160x515
31.452.02	2	CO2	21B	100x587
31.452.05	5	CO2	89B	140x712

Fire blanket in a case

Type-approved by UNI EN 1869:2002, suitable for mounting near the kitchen area; may substitute the require galley extinguisher.



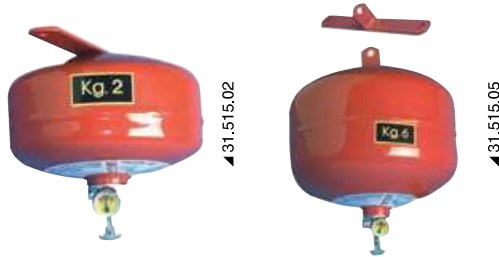
Code	Container mm	Cover cm
31.426.01	205x180x50	120x120

Fire-prevention systems

Automatic spray powder extinguisher, categories A B C

Fitted with manometer; thermocouple controlled system, activated when the engine room reaches a temperature of 70°.

Code	kg	Outline	For hulls up to	Saturation volume m ³	Ø mm	Height mm	Support
31.515.01	1	cylindrical	6 m	2	83	300	Bulkhead
31.515.22	2	cylindrical	8 m	4	108	380	Bulkhead
31.515.02	2	barrell-shaped	8 m	4	200	200	Fixed
31.515.03	3	barrell-shaped	10 m	6	180	280	Ceiling, swinging
31.515.05	6	barrell-shaped	11 m	9	260	320	Ceiling, swinging



RINA-approved automatic fire extinguishing system

Type-approved by **RINA**: powder extinguishers with automatic activation once the glass bulb crashes at 93°, or when activated manually with remote control. The kit includes: cylinder loaded with ABC 30% powder, special double output valve, use to connect several nozzles with a copper pipe, remote-operated handle with steel cable, nozzles and 8x10-mm copper pipe.

New 2017 version in compliance with ISO 9094 and fitted with pressure switch to be connected to a warning light on the panel (14.185.01/02 or similar) which signals possible pressure drops or system openings.

- A Manual control.
- B M10x fitting.
- C Nozzle on tank.
- D Vertical tank for bulkhead or floor mounting.
- E Nozzle on engine room.

Code	kg	Max coverage m ³	Recommended for areas up to m ³	Pipe length m	n° nozzles
31.519.13	3	4.2	4.5	3,50	2
31.519.16	6	8.4	9	4,65	2
31.519.22	12	16.8	18	7,80	4



▲ Fire extinguisher control

RINA HFC 227/FK-5-1-12 (ex NOVEC) approved fire extinguishing system

Type approved by **R.I.N.A.**, automatic with ecological extinguishing gas.

This product replaces the Halon 1301 model and works by room saturation. In comparison with powder extinguishers, it leaves no hazardous residues therefore, even in case of unwanted opening, the mechanical parts and accessories obstructed with extinguishing powder don't have to be restored.

The kit includes: **cylinder loaded with HFC-227/FK-5-1-12 (ex NOVEC) gas** + special thermal **SPRINTVALVE** that activates at 93° C + remote control cable with handle + **bracket for fire extinguisher**.

Working by saturation this product **doesn't need piping or additional nozzles**. **Several extinguishers** may be used for large room areas.

Code	Litre load	Saturation coverage		←→ canister mm
		max m ³	recommended m ³	
31.520.13	3	5,1	3,35	Ø130x390
31.520.16	6	10	6,70	Ø160x465
31.520.22	12	20	13,40	Ø190x600

The saturation coverage is calculated by watertight area, in case of openings, an increase of 50% needs to be calculated.



▲ Patented valve with thermal (79°C standard bulb), electric and manual activation.

▲ Extinguisher control

Remote extinguisher activation kit

31.514.00 It includes: mechanical triggering system + cable 17.450.90 + compartment; for extinguishers 31.515.03/05.



White ABS compartment

Suitable for housing flexible controls 17.450.90/91 or similar types for emergency cutouts or for activating fire extinguishers.

Code	Housing type	Version	External Ø mm	Hole Ø mm
17.452.93	New Edge	With Fire Extinguisher graphic	87x94	69
17.452.94	New Edge	With Fuel Stop sign	87x94	69
17.452.55	Classic EVO (with new closure)	With Fire Extinguisher graphic	95	69
17.452.56	Classic EVO (with new closure)	With Fuel Stop sign	95	69



Aerosol fire suppression system, RINA type-tested

< 24 m

Max Marine RINA type-tested aerosol fire-suppression system consists of a generator module filled with solid extinguishing agent. Upon activation the agent turns into aerosol having few micron particles that disperse into the environment like a gas.

AEROSOL

The aerosol generated extinguishes the fire by inhibiting the combustion chemical reaction without reducing the content of oxygen present in the protected environment, without generating toxic or corrosive substances and without ozone depletion. This product is eco-friendly.

The system has a pull activation device or a remote-controlled electrical activation device as well as an automatic intervention device (thermal wire).

This system has **several advantages: small size, low weight, easy to install** since no piping, no delivery nozzles and no under-pressure containers are required.

Max Marine activation and intervention logics are supervised by a control panel having free contacts to stop utilities. Central unit power: 24V.



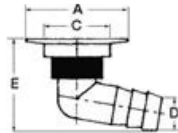
Code	Components	Model	Max protected gross volume m ³	Max protected net volume m ³	Ø x L (each generator unit)	kg for the system
31.601.00	1 x generator module 1 with fastening brackets and thermal wire (H)	Max Marine 10	13	10	86x140	2
31.602.00	1 x generator module 2 with fastening brackets, 1.5-m connection cable (E), control central unit (D), pre-alarm siren (F), lamp test (G) and thermal wire (H)	Max Marine 20	25	20	100x240	5
31.604.00	2 x generator module 2 with fastening brackets, 2 x 1.5-m connection cables (E), control central unit (D), pre-alarm siren (F), lamp test (G) and thermal wire (H)	Max Marine 45	50	40	100x240	9.5
31.606.00	2 x generator module 3 with fastening brackets, 2 x 1.5-m connection cables (E), control central unit (D), pre-alarm siren (F), 2 x lamp tests (G) and thermal wire (H)	Max Marine 70	70	65	115x260	13



Fire Port with hose adaptor

For wall or floor mounting.
It can be connected to the engine box or tank room with a pipe.
It activates by applying pressure to the PVC diaphragm.; can be fitted out again without spare parts after been used.

Code	Version	←→ mm			
		A	C	D Ø hose adaptor	E
17.681.01	elbow 90°	70	50	38	80
17.681.02	straight	70	50	32/38	120 (pipe 32 mm) - 90 (pipe 38 mm)



Lockers for fire extinguishers

Recess fit extinguisher compartment

Made-ready for all 1 kg extinguishers, supplied with blocking straps.

Code	Material	Compartment mm	Depth mm	External frame mm
31.428.00	White ABS	85x340	80	150x410



Extinguisher compartment with door

Made of **white polypropylene** with **clear UV resistant polycarbonate** hatch, snap-in closure for ANAF 1-kg fire extinguishers. Watertight, high-quality finish, white colour.
Supplied with special brackets and self-blocking strap for perfect fastening of the extinguisher.

Code	External frame mm	Recess size mm	Depth under the frame mm
31.429.00	183x364	140x321	75



Extinguisher compartment snap in

SNAP IN / A SCATTO Created for ANAF extinguisher (1kg).
You have only to press it into the box, without any type of hook.

Code	Material	←→ external mm	Depth mm
31.428.01	White ABS	150x408	81



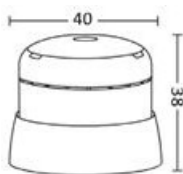
Gas and CO detector



Carbon monoxide detector

Very compact battery-powered detector with acoustic alarm. Battery life guaranteed for 10 years from the manufacture date.

Code	Description	Acoustic alarm dB	↔ mm
31.300.00	Battery-powered detector (10-year life)	85 to 3 m	Ø40 x 38



XINTEX



XINTEX G-2B-R gas/petrol fume detector

Fitted with **2 sensors** to locate in the bilge, 68-dBA acoustic alarm + red LED warning light, TEST-SILENCE control push button. Supplied with 2 x 6-m cables.

Code	V	Max current draw mA	↔ panel mm	OPTIONAL 6-m additional cord	Spare sensor
29.787.01	10/30	150	67x67	29.787.11	29.787.12



XINTEX



XINTEX P2BS propane fume detector

Fitted with **2 sensors** to be positioned where needed and a **solenoid valve**. A LED will light and a 68-dB alarm will sound in case of leaks; it automatically closes the solenoid valve.

Code	V	Max current draw mA	↔ panel mm	6-m extension cable OPTIONAL	Spare sensor
29.788.01	10/30	780	67x67	29.787.11	29.787.12



XINTEX



XINTEX CMD-6 carbon monoxide alarm

Internal-combustion engines produce carbon monoxide. A faulty current generator might release exhaust emissions in the bilge, which is extremely dangerous for people on the boat.

The CMD-6 microprocessor-controlled alarm detects the levels of CO. The TWA (Time-Weighted Average) CO measurements process constantly monitors all CO levels (concentration, time and temperature) to calculate the precise alarm point depending on the COHb %.

- New-generation electrochemical sensor that reduces false alarms. Ultra-low current draw (1mA). Approx. 7-year end of life.
- Multiple detection alarms can be connected.
- Relay module included for generator shutdown.

Code	V	Alarm point	DBA acoustic alarm	↔ mm
29.782.02	12/24	10% COHb	85 at 3 m	89x89x31
29.782.04	independent with lithium ⁺ /ion battery (7 year end of life)	10% COHb	85 at 3 m	89x89x31