

MAREXT!

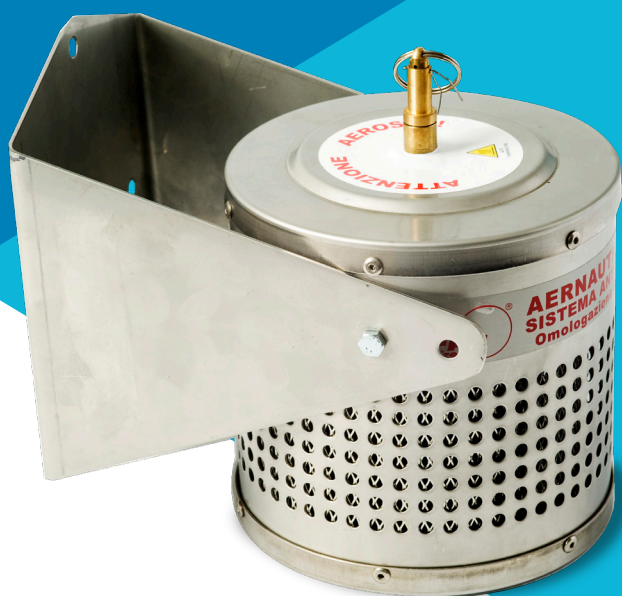
FIRE ALL-OUT IN SECONDS



MARINE

FIRE PROTECTION SYSTEM

ALLTEC'S SIMPLE,
EFFECTIVE & ENVIRONMENTAL
FIRE EXTINGUISHING SYSTEMS
FOR PLEASURE BOATS



- Non-Toxic and Environmentally friendly
- Maintenance free
- No piping, no nozzles and no pressurised cylinders
- Space saving - no storage facilities needed for pressurized cylinders
- Quick and easy to install
- Ultra Light-weight (only 500g)
- Environmentally friendly (Does not deplete Oxygen or Ozone layer - No carbon footprint)

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ALLTEC'S LATEST IN FIRE SUPPRESSION ENSURES SMOOTH SAILING!

Devastating effects arise due to fire from ordinary causes, but when fires are tackled immediately, serious damage can be avoided. Our unique extinguishing systems dedicated to the marine market act in a timely and specific manner in various situations eliminating fire hazards quickly and safely. They are non-toxic, easy to install, do not require periodic testing and spare parts and cause no harm to the environment.

The Alltec Aerosol Fire Extinguisher offers a unique method of extinguishing fires through an ultra fine dispersion of an extinguishing agent that leaves no corrosive residues on mechanical and electrical/electronic parts. The aerosol extinguishers are an effective replacement to the Halon and other dangerous and harmful extinguishing agents, offering significant advantages in performance, size, weight, high warranty periods with low maintenance costs. They also have zero effects on the environment and do not contribute to the destruction of the ozone.

The aerosol agent can extinguish combustible oil fires (benzene, diesel and other refined petroleum products, organic solvents, etc) and electrical fires up to 20kV.

Our Aerosol Generators have successfully passed tests of class A & B type fires and has a type approval by RINA, RINA is the Officially Registered Class of Italy and is a full IACS Member.

The extinguishing agent is not stored in pressurised cylinders, or distributed via pipes or require nozzles for dispersion. In addition the casing, connectors and starting devices are all made from high quality stainless steel making them very durable in high humidity environments.

Our extinguishing systems are designed and manufactured for the marine market in compliance with (IMO) MSC Circ. 1470.

ALLTEC FIXED AEROSOL FIRE-EXTINGUISHING MARINES SYSTEMS FOR PLEASURE BOATS:

AERNAUTICAL: is our manually only operated system. It is approved for an engine room of up to 15 m³ by RINA.

MARE 15: is dedicated to engine rooms up to 15 m³. It is manually and electrically operated and a facility on the control panel allows the connection of a heat sensing cable which enables the release of the extinguishing agent automatically.

MARE 30: is the most complete of our systems. Its dedicated to boats with engine rooms up to 30 m³. The control unit installed in the engine room has an automatic temperature sensor when people are not on board. The Control Unit can also activate vent shutters and fuel interception electro valve etc.



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MAREXT RANGE TECHNICAL SPECIFICATIONS:



AERNAUTICAL

- 1 AEROSOL GENERATOR 500G
- 1 FIXING BRACKET
- 1 PULLING HANDLE

WITH CONNECTION HANDLE

Dimensions with bracket:
d264mm x h239mm

Dimensions without bracket:
d167mm x h239mm

Total weight: 5.5kg

Extinguishing agent quantity: 500g

Activation: mechanical with 7 seconds delay

Cable: stainless steel with protection sheath



RINA approved:
NFPE019312CS001



MARE 15

- 1 AEROSOL GENERATOR 500G
- 1 CONTROL AND COMMAND UNIT
- 1 FIXING BRACKET

OPTIONAL HEAT SENSING CABLE

Dimensions:
d264mm x h325mm

Total weight: 5.5kg

Extinguishing agent quantity: 500g

Activation: Electrical, manual or auto with heat sensing cable

The control unit activates the aerosol discharge and allows to check systems functions via LED signals

The Control Unit activates the Aerosol discharge and allows to check system functions through LED signals



RINA approved:
NFPE019312CS002



MARE 30

- 2 AEROSOL GENERATORS 500G
- 1 CONTROL PANEL
- 1 CONTROL UNIT
- 2 FIXING BRACKETS

OPTIONAL HEAT SENSING CABLE

The unit manages ventilation shutter closing, electro valve for fuel closing, heat sensing cable or other thermal detectors for an automatic activation, remote push button for further manual activation. The control panel allows to check system functions through LED signals and to activate system.



RINA approved:
N°FPE019312CS/003

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MAREXT GENERAL CHARACTERISTICS

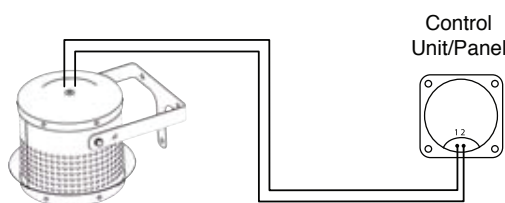


AERNAUTICAL

- Non-Toxic and Environmentally friendly
- Maintenance free
- No piping, no nozzles and no pressurised cylinders
- Space saving - No storage facilities needed for pressurized cylinders.
- Quick and easy to install
- Ultra light-weight (only 500g)
- Environmentally friendly (does not deplete Oxygen or Ozone layer - No carbon footprint)
- Causes no harm to mechanical or electrical/electronic equipment.
- Space saving - no storage facilities needed for pressurized cylinders.
- Easy to transport (air, sea and road) saving time and costs.
- Stainless steel casing and comes with a 5 year warrantee.
- Low installation & Maintenance cost



MARE 15

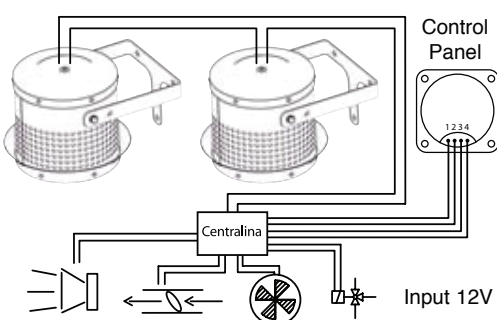


GENERAL FUNCTIONS: MARE 15

- Microprocessor control unit
- Extinguishing line integrity
- Pre-alarm signal
- Alarm discharge underway
- Component breakdown monitoring
- Battery test
- Independent feed
- 5 sec. Discharge delay - Central reset



MARE 30



GENERAL FUNCTIONS: MARE 30

- Dashboard activation panel
- Microprocessor external relay control unit with: Ventilation closing, Fire-fighting rolling shutter closing, Fuel electrical valve closing, Thermo-cable entry (automatic activation) Remote activation push-button entry Remote alarm entry
 - > Pre-alarms
 - > Discharge imminent alarm
 - > 5 sec. delay for discharge
 - > Security current
 - > Independent feed for activating discharge
 - > Battery pack
 - > Test function



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