



# AM 800 MARINE®

*Extinguishing Systems Change Perspective*

**Full Electronic Fire Fighting System**



Compliant with International Standards  
IMO MSC.1/1270 - ISO 15779 - UL 2775  
NPFA 2010 - Ed. 2017 - EN 15276 part. 1 - part. 2



# AEROSOL FULL ELECTRONIC<sup>®</sup>™ FIRE EXTINGUISHING SYSTEMS

for New Boats & Refit,  
both as **Main Extinguishing Systems** and as  
**Auxiliary Systems**,  
in addition to Sprinkler / Water Mist Systems

From 10 to 100 meters BOATS and more!

volumes from 1 m<sup>3</sup> to 1,500 m<sup>3</sup>



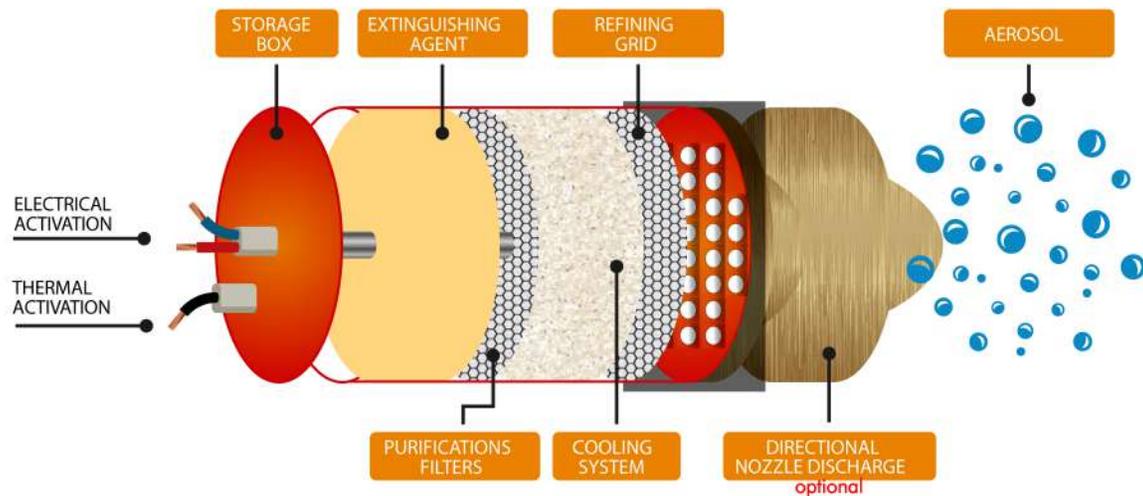
**STOP!** pressure cylinders,  
**STOP!** pipes,  
**MINIMUM** weight and  
**reduced** bulk!



**FOR ALL TECHNICAL SPACES, EVEN OCCUPIED BY MAN!**

To view our References, visit the website <https://www.polytechno-eng.com/en/marine-references/>

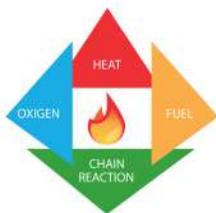
**PATENTED™**  
**Registered TRADE MARK®**



## How does **AER PRO** work?

There are many ways of extinguishing a fire but all of them act on the four elements of what is known as the "fire tetrahedron": the disparate components that combine to create the chemical reaction underlying any fire. These four means of fire extinction are:

1. Reduction or isolation of fuel.
2. Reduction or isolation of oxygen.
3. Reduction of heat.
4. Inhibiting the chain reaction of the above components.



The mechanism used in our case, based on a Potassium dry condensed aerosol, mainly involves the fourth element of the fire tetrahedron by means of chemical reactions with the free radicals of the flame, therefore interfering with the combustion process of the fire. It employs a fire-extinguishing agent, completely non-toxic, consisting of very fine solid particles (diameter less than 10 micrometres).

The particulates remain airborne significantly longer and leave much less residue within the protected area than other extinguishing means.

The extinguishing performance, when the density of aerosol particulates in the immediate vicinity of the flame is correctly dimensioned, is very high.

### AM800-10-MED



### Main benefits

- Completely non-toxic.
- High extinguishing efficiency.
- Easy to install.
- Maintenance free.

### AM800-4-Master+Slave



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