EN



Modula FF

Think Vertical, Think Modula

FIRE FIGHTING SUPPRESSION SYSTEM

HOW DOES THE MODULA FF 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.

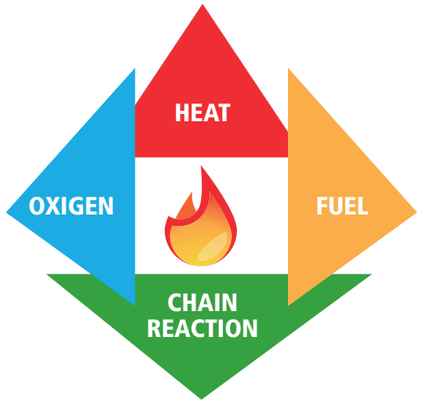
These four means of fire extinction are:
1. Reduction or isolation of fuel.
2. Reduction or isolation of oxygen.
3. Reduction of heat.
4. Inhibiting the chain reaction of the above components.

The mechanism used in our case, based on a Potassium 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).

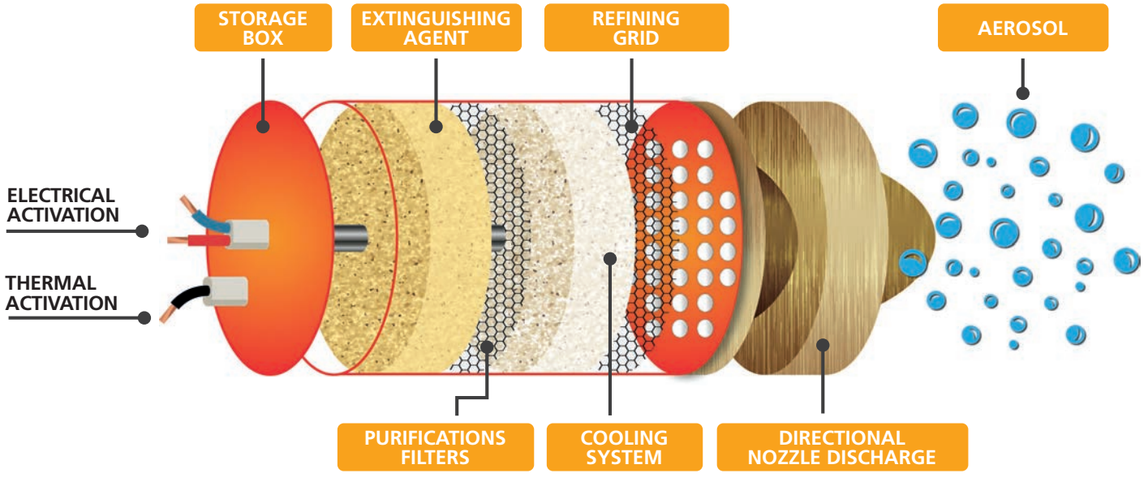
The particulates remain airborne significantly longer and leave much less residue within the protected area than other extinguishing means.

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



MAIN BENEFITS

- COMPLETELY NON-TOXIC
- HIGH EXSTINGUISHING EFFICIENCY
- EASY TO INSTALL AND TO MAINTAIN



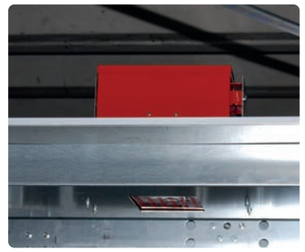
SYSTEM COMPONENTS



PHOTOELECTRIC SMOKE DETECTOR



AEROSOL GENERATOR



The number of aerosol generators depends on the VLM model

OPTICAL / ACOUSTIC INFORMATION PANEL



UPS POWER SUPPLY



Manual aerosol discharge deactivation button

The system, and all its component, is full compliant to **ISO 15779-2012, EN 15276 part. 1/part. 2, NFPA 2017, UL 2775, CE**

MODULA WORLD



3
production plants

14
subsidiaries

100+
dealers

Modula is present in 5 continents with dealers and branches located in over 50 countries

FIRE FIGHTING / JULY 2026

MODULA S.p.A.
Via San Lorenzo, 41
42013 Salvaterra di Casalgrande (RE) - Italy
Tel. +39 0522 774 111
info@modula.com
www.modula.com

All information provided on this catalogue is for informative purposes only and is not binding. Modula reserves the right to change information on this catalogue at any time. Modula will not accept liability for or guarantee the accuracy of the information contained herein.