



# Modula FF

Think Vertical, Think Modula

FIRE FIGHTING SUPPRESSION SYSTEM

**MODULA**

# 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:

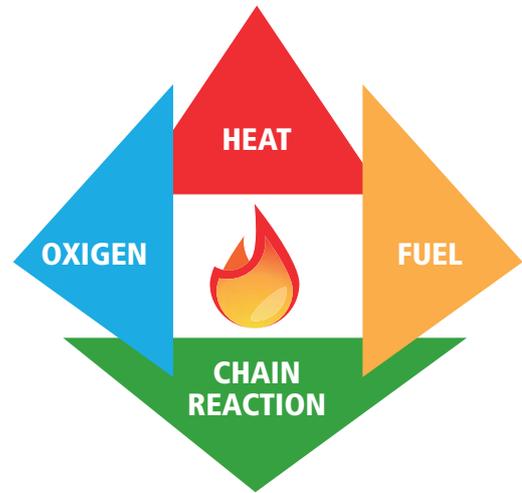
1. Reduction or isolation of fuel.
2. Reduction or isolation of oxygen.
3. Reduction of heat.
4. Inhibiting the chain reaction of the above components.

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).

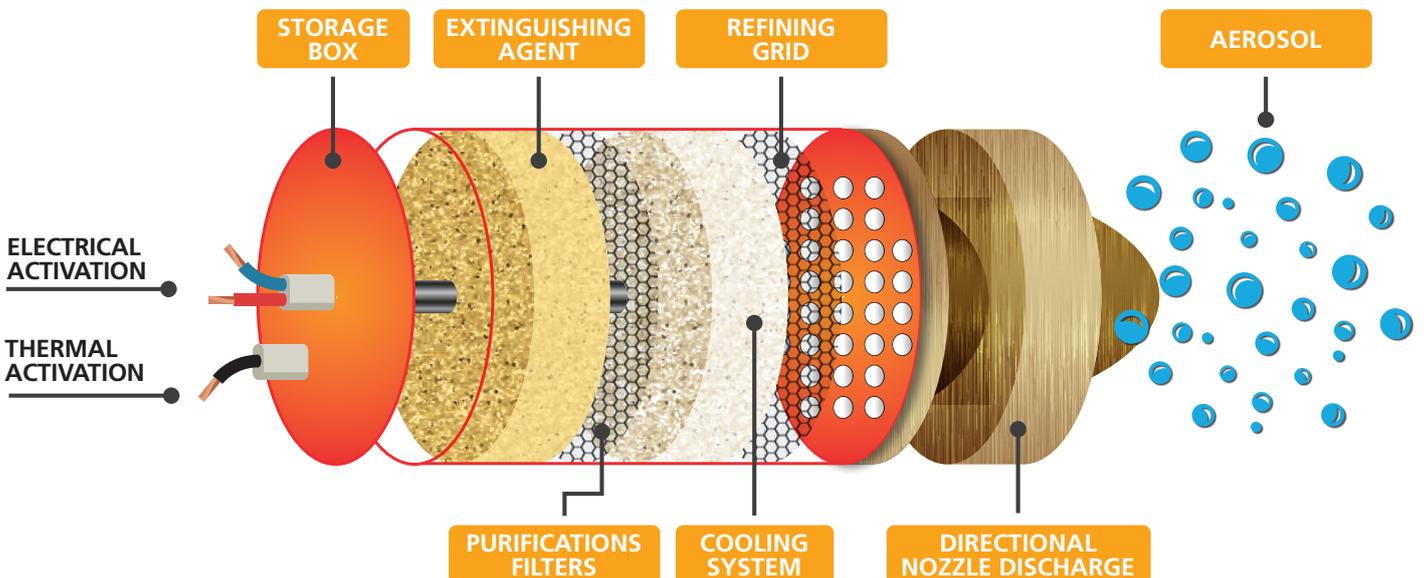
The particulates remain airborne significantly longer and leave much less residue within the protected area than other extinguishing means.

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



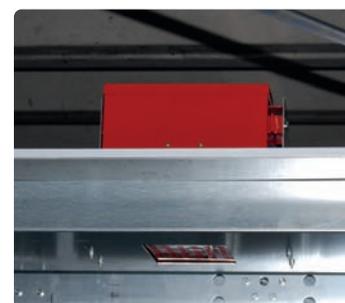
# SYSTEM COMPONENTS



**PHOTOELECTRIC SMOKE DETECTOR**



**AEROSOL GENERATOR**



The number of aerosol generators depends on the VLM model

**OPTICAL / ACOUSTIC INFORMATION PANEL**



**UPS POWER SUPPLY**



Manual button: warning alarm

Manual button: download activation

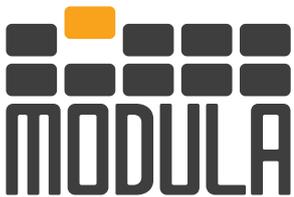
Manual button: abort discharge

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



Modula is present in 5 continents with dealers and branches located in more than 30 countries



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