

Aerosol how does it work?



DSPA Aerosol was originally developed as an alternative to Halon. Unlike Halon, DSPA is environmentally friendly. The active substances of the DSPA Aerosol are solid micro particles that fill the compartment completely and attack the combustion process at a chemical level. As a result, the flames are instantly knocked down and the energy removed from the fire.

Certification

DSPA Aerosol generators are CE-marked and fully certified according to the highest and most stringent international standards for condensed aerosol extinguishing systems:

- EN 15276-1
- ISO 15779
- KIWA Certification Scheme BRL K23001/06
- UL 2775

Additionally DSPA Aerosol generators are listed under the U.S. Environmental Protection Agency's (EPA) Significant New Alternatives Program (SNAP) as approved substitutes for Halon or other Ozone-depleting substances.

DSPA.nl is constantly investing in its quality and certification program, having our production facility audited yearly under KIWA & BSI Kitemark. Please visit our website for the latest updates about testing and certification on new products and applications.



Please visit our website
www.dspa.nl for more:

- Videos
- News articles
- Testimonials
- Test reports
- Background information

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FIXED

Innovating Aerosol
Fire Suppression
Systems



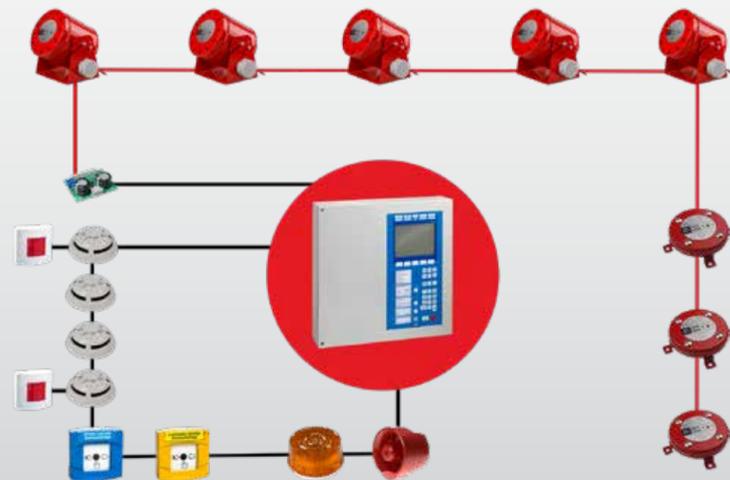
Stop fire before it's too late!

The consequences of a fire can be a true nightmare for every owner, manager or operator:

Replacement costs, consequential damage and an interruption of processes can lead to endangering a company's business continuity. Looking back, much damage and problems often could have been prevented. DSPA offers detection and extinguishing systems which can detect a fire at a very **early stage** and extinguish the fire in just a few **seconds**.

What does it look like?

DSPA, a solution to every problem



DSPA offers complete detection and extinguishing systems, applicable to any fire panel. The above schematic shows an example of a typical DSPA extinguishing system. Depending on each unique situation a combination of sensors, DSPA generators and other components will be calculated by our highly trained engineers.

Application & Scope

DSPA.nl develops, produces and supplies a wide range of multipurpose extinguishing systems. A DSPA Aerosol Generator is not pressurized and is installed inside the compartment or room that requires protection. After activation, an aerosol cloud is generated, which expands volumetrically, flooding the space and extinguishing the fire. The DSPA family of products consists of many different models which differ mainly in size and capacity. This way, we can always offer our customers the best solution for their unique situation.

DSPA Aerosol Generators are used in the following sectors:

- Industry
- Offshore
- Government
- Transport
- Healthcare
- Energy
- Telecommunication
- Aviation

Typical Applications:

- Computer & Server Rooms
- Archives
- Storage Rooms
- Generator & Engine Rooms
- Electrical Cabinets
- Transport & Construction Vehicles
- Compressor Rooms
- Wind Turbines
- Battery Storage



The Advantages

DSPA fixed systems are ...

- 15 years serviceable
- Operational between -40°C and +75°C
- Very easy to install and maintain
- Applicable to numerous situations
- Very efficient (only a small amount of aerosol is needed)
- Very safe (DSPA units are not pressurized or toxic)
- Very cost efficient (DSPA requires no expensive pipe work)



DSPA Aerosol

- Does not affect oxygen levels
- Is non corrosive and non conductive
- Does not cause any overpressure
- Is friendly to the environment
- Is Not harmful to humans or animals

