

Mobile firefighting system firedect FSS - fire extinguishing system

variant A:
electronic control
unit AF200 with HMI
display



variant B:
electronic control
unit AF300
with integrated
display



Advantages:

- up to 3 detection and extinguishing zones
- automatic pressure and wire monitoring
- high pressure water mist from environment friendly extinguishing agent
- motor stop signal optionally possible
- maintenance and retrofitting by your own staff possible
- CAN bus connectivity
- software customer-individually configurable

Applications include buses, trucks, agricultural and construction machinery or special vehicles of all kinds. solutions are available also for electric vehicles.

High-pressure mist nozzles

spray the extinguishing agent with a droplet size of **50 microns** and repress the oxygen from the fire.

The extinguishing cylinders

consist of a high-pressure cylinder with 6 liters pressureless extinguishing agent and a propellant gas cylinder filled with 2 liters **nitrogen** at 200 bar.



Fire and smoke detector freely configurable

Spot-type fire detectors, fire alarm cables, CO and smoke detectors are freely selectable. Protection classes upto **IP69k** easily possible.



High pressure water mist as extinguishing agent

Temper S as a biodegradable and environmentally friendly extinguishing agent can be used down to -30 ° C.

Effective **oxygen displacement**, immediate **cooling of the fire** and **thermal shielding** of heat radiation by the 1.650-fold increase of the surface by vaporizing the water mist drops.

By simultaneous **dilution** of the concentration of **combustible gases**, soot and other **pollutants** arising during the fire are **tied and washed out through the water spray**.



No follow-up costs

Due to the long life of the pressure bottles of up to 10 years and the annual inspection the extinguishing system by own staff, no further follow-up costs emerge to the customer.

Maintenance-free through self-monitoring

The fail-safe and intelligent control unit monitors pressure drops, cable breaks, short-circuits connections and external voltages in real time. Operating state, warnings and errors are immediately displayed to the driver.

Future in focus

For a constant evolution of the system, we keep an eye on the current developments of WP.29 UN / ECE. The Systems are already capable of transferring the GPS coordinates by a telematics unit via GSM network to defined to a defined receiver.

Our certificates

 UN/ECE R107 certified

 UN/ECE R10 certified



More information at:

<https://firedect.de/suppression/>

firedect GmbH
Leibnizstraße 4
72202 Nagold
D-Germany

T +49 7452 - 929 289-0
F +49 7452 - 929 289-9
E info@firedect.de
W www.firedect.de