MINIMAX

MicroDataProtect
Fire Protection Solution
for Micro Data Center

MicroDataProtect –
modular, compact and fully integrated

A Micro Data Center contains a multitude of components with high electrical energy density and interfaces that pose a potential fire hazard due to arcing, short circuits, smoldering fires, defective components or human error.
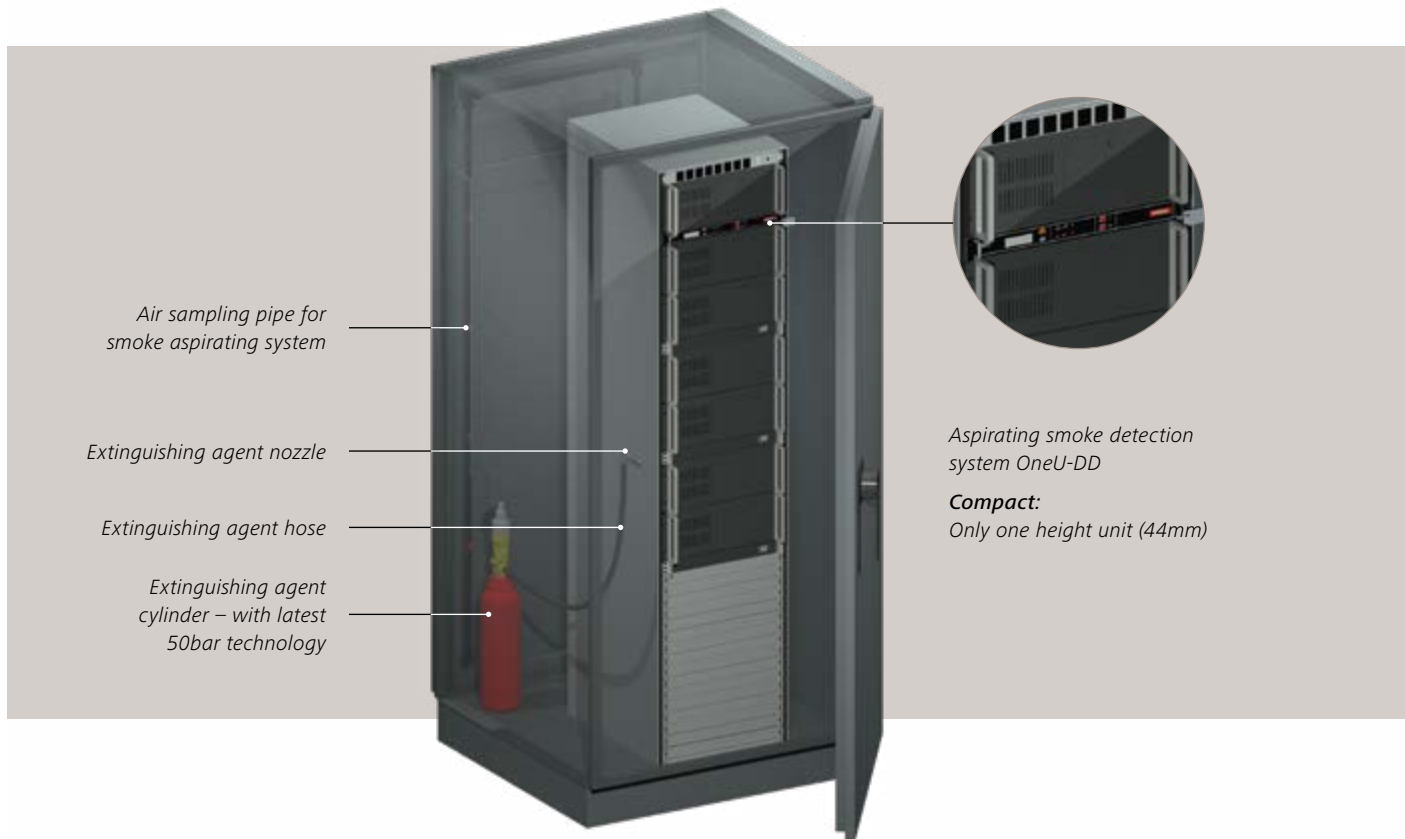
Fires remain one of the main causes of data center failures and can lead to significant damage, such as loss of data and high material assets including business interruption costs or even a total loss.

Our priority: We support you in the high availability of your system with our MicroDataProtect solution.
Our MicroDataProtect system uses our proven OneU-DD smoke aspiration system to detect an incipient fire in its early stages and activates the connected MX1230 extinguishing system immediately after a threshold value is exceeded. Your advantage is a fast and residue-free extinguishing, which protects the sensitive and high-quality technology from larger damage and thus ensures higher availability of your IT system. The MicroDataProtect system uses VdS approved components. In addition, it is possible by interfaces to initiate a controlled shutdown of the micro data center in the event of fire or malfunction or to forward the VdS-compliant messages to a superior fire alarm control panel.

Advantages at a glance

- Covers up to 5m³ protective volume per extinguishing agent cylinder

- Easy to install, retrofit, operate and maintain

- Modular, extendable and suitable for increased volumes

- Reliable operation, due to proven technology

- Minimax evaluation unit requires only one height unit, thus more space for your technology

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Air sampling pipe for smoke aspirating system

Extinguishing agent nozzle

Extinguishing agent hose

Extinguishing agent cylinder – with latest 50bar technology

Aspirating smoke detection system OneU-DD

Compact:
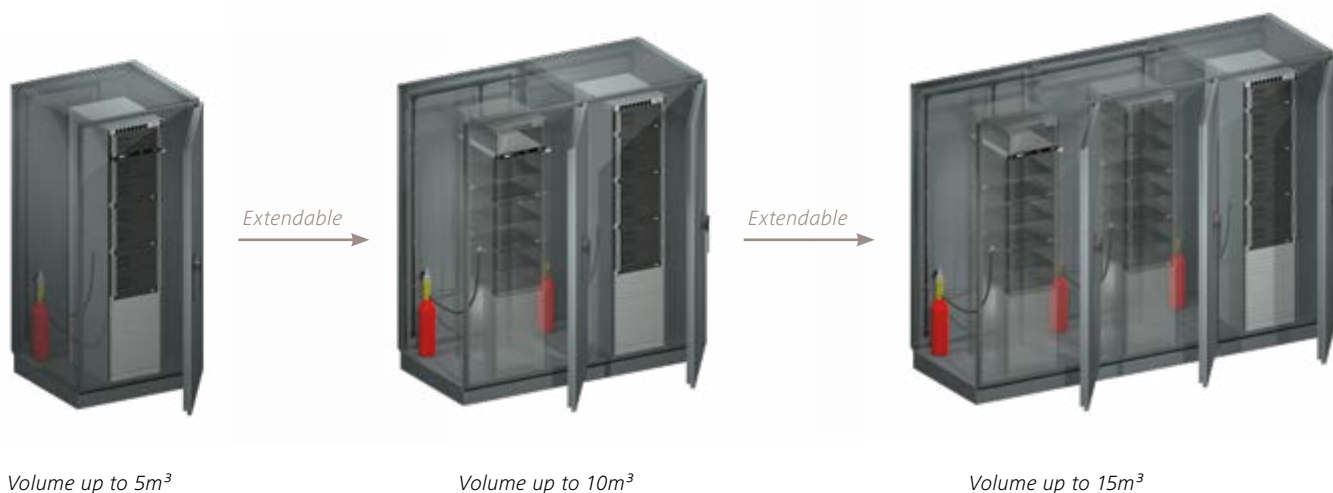*Only one height unit (44mm)*

Only one aspirating smoke detection system for up to 5 cabinets

MicroDataProtect is tested and certified for a protection volume of up to 5m³ per extinguishing agent cylinder and can be easily extended on a modular basis – even in the case of retrofits. With the appropriate extension kit, you can protect two (10m³), three (15m³) or more cabinets, and all with just one aspirating smoke detection system! No additional wiring effort needed for side-by-side cabinets.

MicroDataProtect is an equipment protection system according to EN 15004 / ISO 14520 for higher risk class "A" with a design concentration of 5.6%.

Tested and certified by

Extendable

Extendable

Volume up to 5m³

Volume up to 10m³

Volume up to 15m³

For protection, volumes of up to 2.8m³ simply use our only 44mm high and VdS approved All-in-One solution – OneU!
www.minimax.com/int