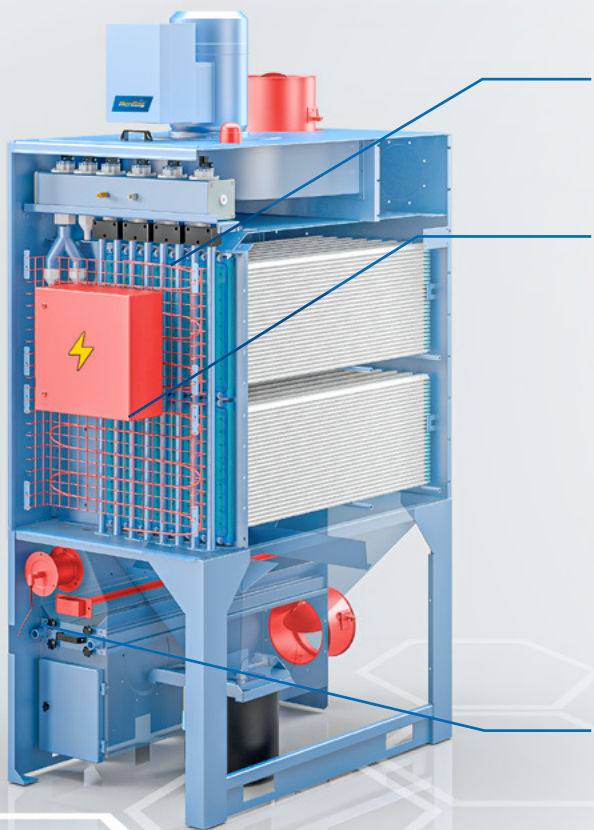


Herding **FLAMEBREAK**

## FIRE PROTECTION ON FILTER SYSTEMS

Herding® FLAMEBREAK is an object protection for Herding filter systems in accordance with VdS 3445 data sheet (for protection in filter systems). In case of a fire breaking out in the filter system, the fire is to be detected with suitable sensors, reported externally and directly on site, and fought by introducing the fire extinguishing substance into the filter system. The task of the fire protection measure is to minimize the damage in case of a fire hazard.

### FIRE PROTECTION CONCEPTS



#### Fire detection

A detection cable detects the fire both in suction operation and during standstill of the filter system

#### Fire alarm

The signal processing of the fire detection, the signal transfer to the fire fighting and the alarm forwarding (as potential-free contact) is done through the control system of the fire alarm. The optical and acoustic alarm is located directly on the filter system. If necessary, automatic shut off is done, as well as the release of extinguishing agent for fire fighting. For fire fighting, the air flow through the filter system is switched off, shut-off devices are closed and the entry of the extinguishing agent into the filter system is started.

#### Fire fighting

The extinguishing agent matched to the fire load (dust and filter medium) is placed into the filter system to fight the fire.

**Heat detection**  
for fire detection



**Aerosol generator**  
for fire fighting



**Aerosol spread**  
during fire fighting







## CONTACT

Please feel free to contact us! You can fill in the form and send it to us by e-mail.

Company

First name

Family name

Phone

E-Mail

Branch

Application

Comments

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