TROX® TECHNIK
The art of handling air

FIRE PROTECTION:

TESTED, CE-CERTIFIED AND WITH BUILDING INSPECTORATE APPROVAL

Large airports offer many applications for TROX smoke extract systems. Our smoke extract components and systems are the basis for effective smoke extract management. With such safety-relevant systems, components from a single source are the best solution for critical interfaces.

Our fire dampers and smoke extract dampers as well as the X-FANS smoke exhaust fans have been certified to EN standards and approved by the building inspectorate in Germany for many applications. TROX engineers are experts in their fields and always apply the latest findings from both TROX fire tests and tests by independent testing institutes to the design; as members of standardisation committees they also provide valuable input to these bodies.

Intelligence inside. TROX fire engineering products.

FKRS-EU/FKR-EU FIRE DAMPERS

Circular
B: 200 – 800 mm
H: 100 – 200 mm
Classification to EN 13501-3:
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RM-O-VS-D SMOKE DETECTOR

TROX smoke detectors of Types RM-O-VS-D-LON/RM-O-3-D detect smoke in ducts at an early stage and independent of the temperature, and they release the fire dampers such that they close. The detectors are fitted with comprehensive self-monitoring functions (contamination, airflow, electronics) and require maintenance only once per year.

• Bus-enabled version as an option
• Airflow velocity: 1 to 20 m/s

TROXNETCOM

TROXNETCOM communication systems for AS-i or LON, and with Modbus or BACnet interface, ensure the seamless integration of TROX fire protection and smoke extract components with central building management systems. In airports, which are frequented by many passengers with restricted mobility, complete system solutions for fire protection are indispensable. They ensure that a fire is detected at an early stage and prevented from spreading; they also ensure the smooth escape of people and the evacuation of buildings. TROXNETCOM offers solutions that are SIL2-certified and provide overall safety even in case of a malfunction.

• Digital monitoring and triggering of fire protection and smoke control equipment
• Highest safety standards to EN 61508 (VDMA 24200-1) tested by TUEV, Germany
• Easy installation and integration with central BMS
• Integral maintenance function