

► **CE compliant for maximum safety** ►►

TROX EK-EU
smoke control damper



CE

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TROX has expanded modern smoke extract management with yet another product: the new CE-marked smoke control damper EK-EU. The damper can be installed horizontally or vertically in walls, ceilings or ducts.

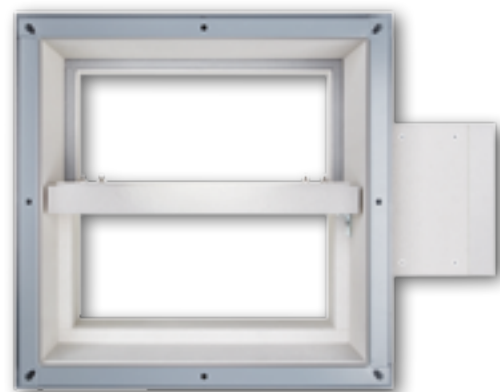
It does not need more than the EN 13501-4 classification to describe the performance of the EK-EU smoke control damper according to EN 12101-8: **EI 90** ($v_{edw} - h_{odw}$, $i \leftrightarrow o$) **S1500 C_{mod} MA multi**.

It means that the EK-EU smoke control damper, which is made of calcium silicate, ensures fire integrity for more than 90 minutes – independent of the installation situation, installation position or exposed side.

The EK-EU has been successfully tested for pressure level 3, which is the highest, and can hence also be installed in smaller ducts or for higher volume flow rates. The EK-EU can be released manually or automatically. In the event of a fire, the EK-EU still fully opens or closes after 25 minutes. It is controlled by the TROX control module AS-EM or AS-EM/SIL2.

There when you need it. For more time in the event of a fire.
For your safety.

- Integration into the central BMS with TROXNETCOM
- Installation position is independent of the airflow direction or position of the damper blade shaft
- Pressure level 3 (operating pressure from –1500 to +500 Pa)
- Manual or automatic release
- Casing air leakage to EN 1751, class C
- Classification to EN 13501-4
- Certificate of constancy of performance
- CE-marked according to the EU Construction Products Regulation
- C_{mod} = ventilation function and intermediate positions for flow rate balancing
- For smoke extract ducts from 35 mm wall thickness



Square, rectangular



200 x 200 mm to 1500 x 800 mm



Calcium silicate



Tested and available also with cover grille



The TROX EK-EU smoke control damper meets the highest test requirements of the EN 1366-10 test standard and is hence unique in Europe.