

► Fire dampers ►►



One for all.

Fire damper FKA2-EU

TROX[®] TECHNIK
The art of handling air

► Precise. Simple. Flexible. ►►

The FKA2-EU

Designed to be the next generation of fire damper, it replaces the FKS-EU and FKA-EU, which have been ensuring safety in buildings for many years.

The new highly automated production guarantees shorter delivery times. And each damper is an exact reproduction of the test damper – it couldn't be safer.



Even more precise

Thanks to the design, the internal surface is flat with minimum flow resistance. This reduces the pressure loss – and thus the operating costs – and improves the hygiene characteristics.

Even simpler

Handling and assembly are significantly simpler with the FKA2-EU. The reduced weight makes it easy in the truest sense of the word. In addition, the damper can be modified and retrofitted in just a few steps.

Even more flexible

The FKA2-EU can be ordered in every dimension and is precisely manufactured according to requirements. This means that positioning can be guaranteed, even in difficult spatial conditions.

A number of certified areas of applications stand for the highest level of safety, from standard installation to individual custom solutions.



Fire test of the FKA2-EU in the TROX International Centre for Fire Protection Technology

► All advantages at a glance ►►

One damper for all dimensions and applications

- Can be dimensioned to the exact millimetre
- Suitable for all applications
- Reduction of energy costs thanks to improved values, e.g. the 10 % larger free cross section reduces the pressure loss by 24 %
- Dry mortarless installation kit can be assembled on site
- Simple retrofit possible from the outside
- Reduced weight simplifies assembly
- More precise manufacture thanks to automated production and standardised casing
- Simplified cleaning and reduced pressure loss thanks to smooth casing internal surfaces
- Two-way inspection accesses
- Can be combined with TROXNETCOM AS-i

Many certified applications, e.g.

Fire batt – all walls, flexible installation

The installation situation of the "fire batt" is clean and flexible. Like all TROX fire damper scenarios, the new FKA2-EU also enables this smart solution.

Timber frame construction with sustainable safety

Timber frame construction is now the trend. TROX had the FKA2-EU tested and certified for this application.

Reduced distance to supporting components for real narrowness

More flexibility for design and installation: the FKA2-EU can be assembled with a distance of only 40 mm under supporting components and only 60 mm between two dampers (flange to flange).



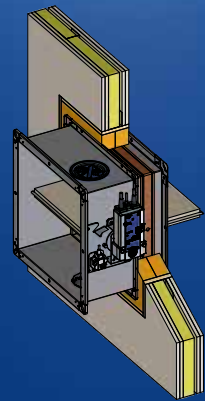
Rectangular



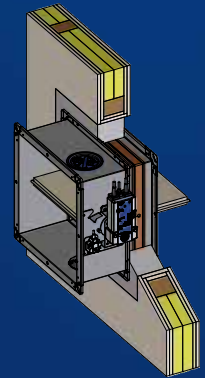
H: 100 – 800 mm

B: 200 – 1500 mm

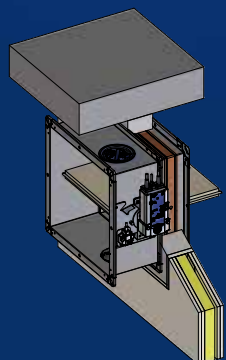
Can be dimensioned to the millimetre



Installation situation: fire batt



Installation situation: timber frame, mortar-based installation



Installation situation: reduced distance to supporting components



Easy installation of AS-i, parameter setting and maintenance



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