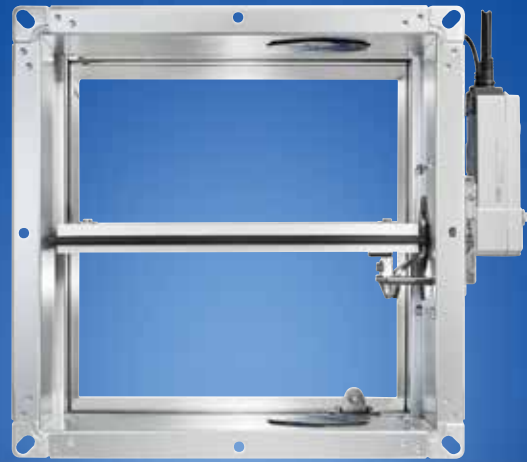


► Fire dampers ►►



**One damper
for everything.**

Fire damper FK2-EU

TROX[®] TECHNIK
The art of handling air

► More choice. Larger. More efficient. ►►

FK2-EU – one damper for everything

With the new FK2-EU, all fire dampers of the previous FK-EU type are now also being replaced with a large cross section. The FK2-EU offers much more than short delivery times and reliable quality thanks to improved production processes.

The modular design of the installation kit and wall-mounting kit provides increased flexibility in terms of applications and retrofitting capability. This means simple handling and sustainable cost reduction.



Exact dimensional accuracy

The fully automated production and the new design structure enables absolutely level internal surfaces with minimum flow resistance and reduced noise levels. Thanks to the edge-free symmetrical design with a slim central damper blade, the free cross-sectional area could be increased by 10%. The pressure loss is thus reduced by up to 24% in total depending on the size. A clear plus for reducing operating costs.

Easy handling

The FK2-EU is significantly lighter than its predecessor which simplifies assembly. The large dimensional range from 200 x 100 mm to 1500 x 800 mm also simplifies planning for various applications. In addition, the damper is manufactured in any intermediate size and exactly to the millimetre. With its smooth internal surfaces, which are easy to clean from outside thanks to two inspection accesses, the FK2-EU also boasts improved hygiene characteristics.

Maximum flexibility

The installation kits can be ordered separately which means that extremely flexible planning is possible. There is also a cost-effective retrofit option for motor operation, as both the costs of the sub-assembly and the necessary assembly times have been significantly reduced. The FK2-EU is certified for more than 30 applications and ensures the highest level of safety for virtually all installation situations.



Simplified operation – cost-effective retrofit – precise production

► Advantages at a glance ►►

The reliable solution for any application

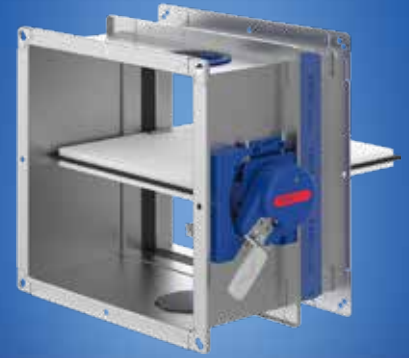
- Better efficiency thanks to up to 24% reduction in pressure loss and 10% increase in free cross-sectional area (depending on size)
- Reduction in sound power level by 6 dB(A) (depending on size)
- Smooth casing internal surfaces simplify cleaning, hygiene certificate in accordance with VDI 6022 and DIN 1946-4
- Retrofit capability from outside for motor operation
- Fast delivery within 3-4 working days
- Individual sizes possible in mm increments
- Installation and wall-mounting kit can be ordered separately and retrofitted
- Certified in accordance with DIN EN 15650
- Classification from EI30S to EI120S
- Can be combined with TROXNETCOM AS-i
 - Directly on or remote from solid walls
 - Lightweight partition wall
 - Shaft wall
 - Flexible ceiling joint
 - Mortar/dry mortarless installation/fire batt in solid wood ceilings
 - Multiple assignments in wall and concrete base
 - Installation in historical ceilings
 - and much more

TROX – guarantee of quality

As an all-round provider of fire protection and ventilation systems, TROX supplies complete systems for virtually every application from a single source. Around the world, the name TROX stands for quality, competence, sustainability and comprehensive services made in Germany.



Easy installation of AS-i, easy parameter setting, easy maintenance



Rectangular



H: 100 – 800 mm

B: 200 – 1500 mm

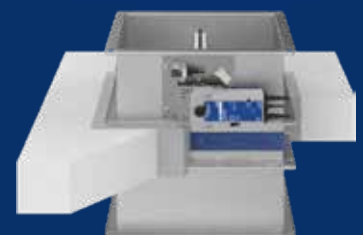
Can be dimensioned to the millimetre



Installation example: lightweight partition wall



Installation example: shaft wall



Installation example: solid ceiling slab



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