



KU-K30



TESTED TO VDI 6022



WITH TROXNETCOM AS AN OPTION



KU-K30 WITH DIFFUSER OF TYPE DLQ

Lindner ceiling tile (by others) Diffuser (to be ordered separately)

KU-K30

FOR DIFFUSERS IN SUSPENDED F30 CEILINGS

Square fire damper for installation in suspended fire-resistant F30 ceilings For the isolation of duct penetrations between fire compartments, available in five nominal nominal sizes

- Nominal sizes for diffusers sized $300 \times 300 625 \times 625$ mm • Satisfies high ventilation requirements when combined with a
- diffuser
- Coated construction meets high hygiene requirements Integration into the central BMS with TROXNETCOM •

Optional equipment and accessories

- Ceiling diffusers/swirl diffusers
- External fusible link, 72 °C
- Electric actuator
- Release temperature 72/95 °C

Application

Application

- Fire dampers of Type KU-K30 for the isolation of air terminal devices in self supporting fire-resistant suspended ceilings in the event of a fire
- To prevent the propagation of fire and smoke through ductwork to adjacent designated fire compartments

Special characteristics

- Licence Z-41.3-320
- Tested to DIN 4102-6 for fire resistance properties
- Classification to DIN 4102, K30-U .
- Low differential pressure and sound power level .
- For use with supply air or extract air systems (for supply air systems with perforated sheet metal)
 Integration into the central BMS with TROXNETCOM

Classification

• Fire resistance class K30-U to DIN 4102-6

Nominal sizes

- Fire damper: 300 × 300, 400 × 400, 500 × 500, 600 × 600, 625 × 625 mm
- Spigot Ø (depending on the nominal size): 160, 200, 250, 315 mm

Description

Variants

- With fusible link
- With spring return actuator

Parts and characteristics

• Release temperature 72 °C or 95 °C (for use in warm air ventilation systems)

Attachments

- Limit switch for damper blade position indication
- . Spring return actuator for 24 V or 230 V supply voltage
- External fusible link .

Useful additions

• Diffuser: FD, TDF-SilentAir, DLQ or ADLQ

Construction features

- Casing made of calcium silicate
- Damper blade made of special insulation material

Materials and surfaces

Plenum box:

- Special insulation material
- Special insulation material with RAL 7001 coating on the inside .

Damper blade:

- Special insulation material
- Special insulation material with RAL 7001 coating

• Seal made of neoprene

Other components:

- Spigot and attachments made of galvanised sheet steel
- Fixing elements made of galvanised steel

Standards and guidelines

- DIN 4102-6, standard fire resistance test
 EN 1751 Ventilation for buildings Air terminal devices

Maintenance

- The functional reliability of the fire damper must be tested at least every six months; this has to be arranged by the owner of the ventilation system; functional tests must be carried out in compliance with the basic maintenance principles stated in EN 13306 and DIN 31051. If two consecutive tests, one 6 months after the other, are successful, the next test can be conducted one year later
- A functional test involves closing the damper blade and opening it again; with a spring return actuator this can be done via remote control
 Fire dampers must be included in the regular cleaning schedule of the ventilation system.
 For details on maintenance and inspection refer to the installation and operating manual