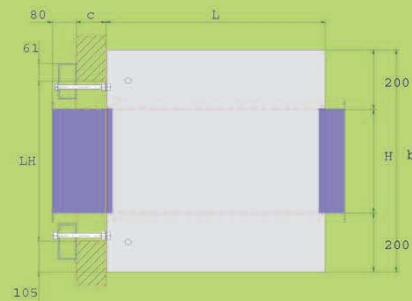
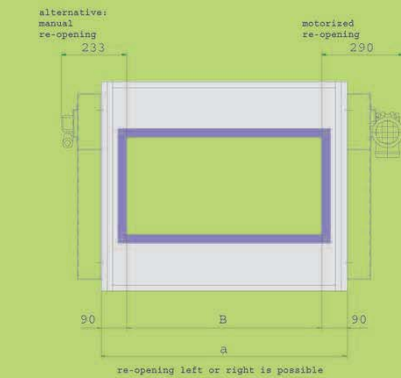
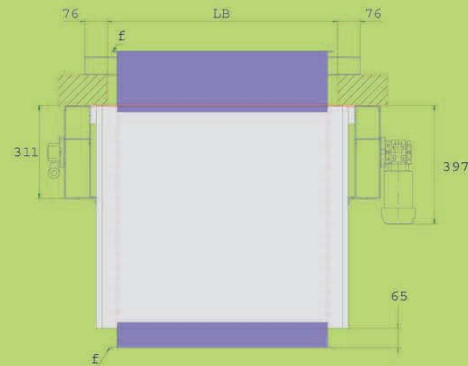


## Technical Data



To allow easy access for maintenance, a constructional distance of at least 100mm above and underneath the closure has to be guaranteed.



dimension	mm	remarks
B	300-1200	100- steps
H	200-350	50- steps
LB	B + 65	
LH	H + 190	
L	550	H=20
	682	250 < H < 300
	750	300 < H < 350
a	B + 180	
b	H + 400	
c	≥ 100	concrete, reinforced concrete
	≥ 150	masonry
f		SBM 20 flange B ≤ 1000
		SBM 30 flange B > 1000

**Supplementary features** RAL coating, stainless steel design,  
duct adaptor square/ round, steel cover for the casing

### Control versions

control	re-opening	autonomous time of the battery	connection of detectors for smoke surveillance	power supply/connected load
RZ 8	manual	none	up to 20 detectors possible	230V / 0,062kVA
RZ 8M	motorized	none	up to 20 detectors possible	230V / 0,212kVA
RZ 7	manual	up to 30 minutes	up to 20 detectors possible	230V / 0,124kVA
RZ 7M	motorized	up to 30 minutes	up to 20 detectors possible	230V / 0,212kVA



**Control unit RZ 8**  
**Protection classification IP54**

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**Further sales offices**

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**Representatives**

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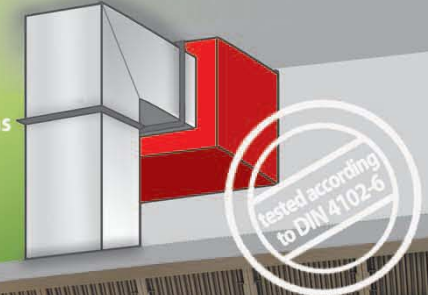
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# Fire Protection Closure

for industrial kitchen exhaust systems -DUOFLAP

Smoke barriers  
Smoke protection closures  
Textile fire protection closures  
Conveyor system closures  
Tube closures for industrial exhaust systems  
Fire protection stacking doors  
Fire protection high-speed doors  
Control units  
Fire protection hoods

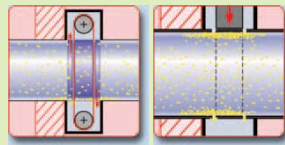


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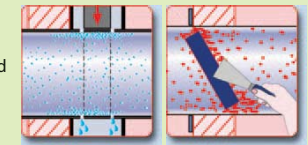
## Problems in systems with functional gaps:

Gaps caused by moves can be sealed by adhesive or intruding mediums, if there are fat steams and aerosols in the conveying tube. These sedimentations can cause malfunctions.



## Problems with dry/wet cleaning:

The manual cleaning of traditional systems is very difficult. When using water or cleaning fluids for the cleaning process it is possible, that water enters uncontrolled into system parts or leaks out of the system.



# Duoflap

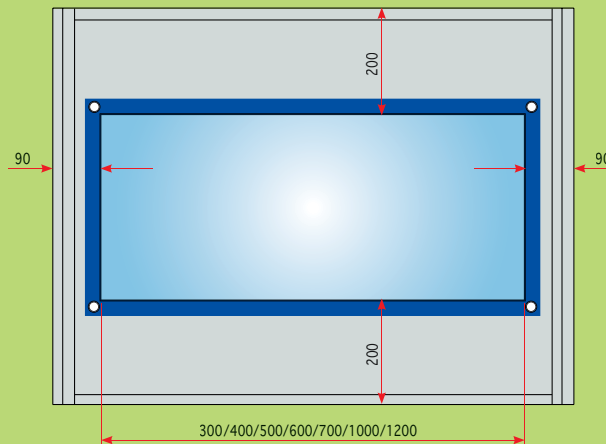
EI 90 (T 90)

## Tube closures for industrial exhaust systems

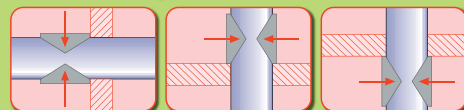
tested according to DIN 4102-6

### Customer benefits

- Maximum tightness in any condition. All systems have been pressurized with 200 Pa over- respectively under pressure and have been tested for density according to the test norm
- Low demand for space at the sides and above, respectively underneath the duct. Particularly applicable for the installation underneath the ceiling
- Easy to maintain and easy to clean
- 100% free duct passageway
- Fast closing speed after receipt of the signal (appr. 3 sec.)
- Installation through the existing wall/ ceiling opening through the fixing frame at the rear side
- No use of mortar is necessary
- No pressure fluctuations within the system to the closure up to 1500 Pa
- Use of the fire alarm signal to interrupt the gas supply respectively to control further devices is possible
- Resistant against vegetable as well as animal oil and grease
- Resistance of the materials against aging despite of ozone



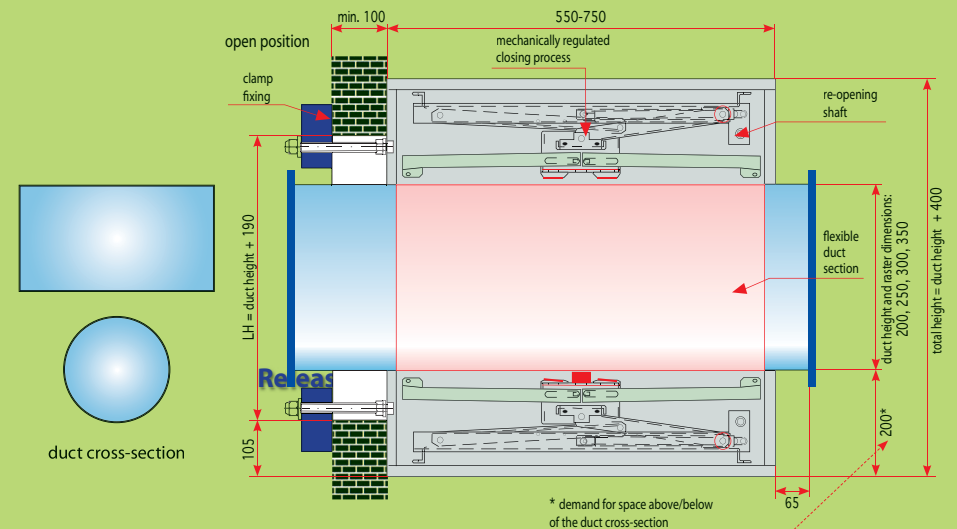
### Installation possibilities



## Exceptional design for increased demands.

### Function

An elastic section of the tube will be sealed by compression in case of fire.



### Re-opening



### Release

