

► Smoke Extraction ►►



**Uncompromisingly
flexible**

The new diversity of EK2-EU

TROX[®] TECHNIK
The art of handling air

► Especially flexible: the EK2-EU ►►

Maximum flexibility

The tried-and-tested EK2-EU smoke control damper now boasts impressive flexibility.

For every construction project, even with complex and difficult structural conditions - the EK2-EU offers the perfectly suitable solution in all lengths.

Minimum space

Space problems? Thanks to the new free choice of lengths, the EK2-EU can be integrated even in the smallest of spaces.

Certified together

The EK2-EU is certified with all control modules. A complete system from a single source.



The EK2-EU is available in different designs



MA version with thermally encapsulated drive (standard test: triggering in the 25th minute)



Version AA with exposed drive for immediate actuation



Larger free cross-section with the same pressure drop!

Large free cross section

The new curved grille is used when the damper blade protrudes beyond the housing. Due to the curvature, the area of the grille through which the air flows is equal to the face area of the EK2-EU.

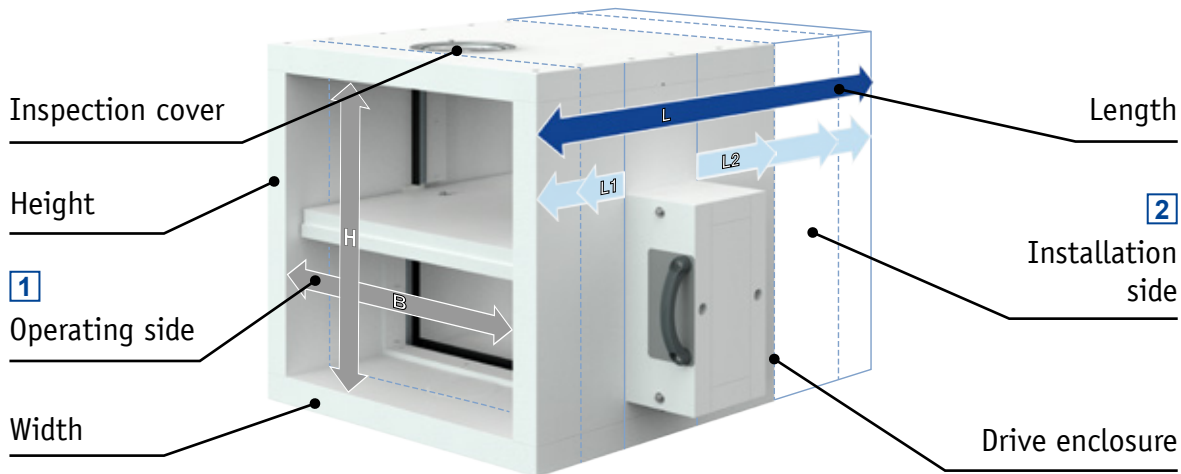
This ensures reliable protection without reducing the cross-section.

Simple selection

Quickly find the right EK2-EU - it's easy with the adjacent table. Based on your priority, for example housing length or wall thickness, read off the corresponding values:

- First column: EK2-EU housing length
- Last column: Wall or ceiling thickness
- Middle columns: under **1** L1 on the operating side inspection openings selectable; under **2** L2, the installation depth can be read off.

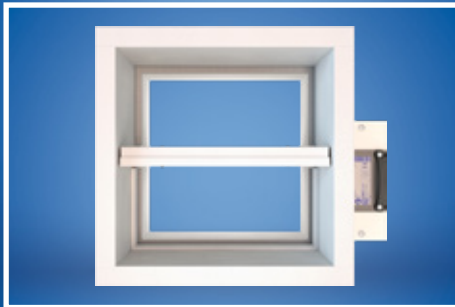
► Simple selection ►►



L Total length of the housing of the smoke damper [mm]		Release MA* manual intervention AA** automatic	1 Operating side housing length L1 before the drive enclosure [mm]	2 Installation side housing length L2 behind the drive enclosure [mm]	Maximum wall or ceiling thickness with blade projection of 50 mm [mm]
400	Height 200 to 380 with MA please use length 500		-	-	Ideal for installation in smoke extraction ducts; wall thickness of 100 mm, without 50 mm projection of the blade
	Height 200 to 380	AA	110	110	
	Height 385 to 800	MA/AA	110	110	
500	Height 200 to 380	MA	97	57	Smoke extraction ducts
	Height 200 to 380	AA	110	210	100 to 160
	Height 385 to 800	MA/AA	110	210	100 to 160
600 Optionally with inspection port	Height 200 to 380	MA	57	197	100 to 150
	Height 200 to 380	AA	210	210	100 to 160
	Height 385 to 800	MA/AA	210	210	100 to 160
650	For heights 200 to 380 with MA construction, please use length 750		-	-	
	Height 200 to 380	AA	110	360	100 to 310
	Height 385 to 800	MA/AA	110	360	100 to 310
750 Optionally with inspection port	Height 200 to 380	MA	57	347	100 to 300
	Height 200 to 380	AA	210	360	100 to 310
	Height 385 to 800	MA/AA	210	360	100 to 310
850	Height 200 to 380	MA	97	407	100 to 360
	Height 200 to 380	AA	110	560	100 to 510
	Height 385 to 800	MA/AA	110	560	100 to 510
950 Optionally with inspection port	Height 200 to 380	MA	57	547	100 to 500
	Height 200 to 380	AA	210	560	100 to 510
	Height 385 to 800	MA/AA	210	560	100 to 510
Other special lengths optionally with inspection opening					
800	Height 550 to 800		310	310	100 to 260
900	Height 550 to 800		360	360	100 to 310
1100	Height 550 to 800		360	560	100 to 510

MA* = Manual release for immediate activation and override after 25 min. drive encapsulation necessary!

AA** = Automatic release for immediate control with exposed drive.



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