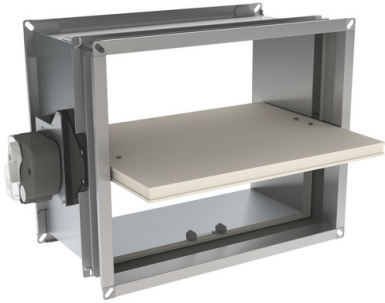


CU-LT CE-Certified Rectangular Fire Damper – Manual Operation



Description

Fire dampers with fire resistance up to 120 minutes, CE marked with performance declared according to EN 15650:2010 and with fire resistance determined according to EN 1366-2 up to EI 120 (ve i ↔ o)S - (500Pa) and EI 120 (ho i ↔ o) S - (500 Pa) depending on the installation surface. The dampers can be equipped with different types of mechanisms, depending on the specific needs of the project.

Characteristics

Galvanised steel structure. 25 mm thick refractory blade. Dimensions: from 200x100 to 800x600. Heat-expanding perimeter seal. 2 microswitches (one start and one end switch) already installed. 20 mm connection flange. 300 mm case. Easy to install. Optimised free surface and minimal pressure drop thanks to the total absence of internal levers. Optimal acoustic performance. Class C air tightness according to EN1751. Suitable for recessed installation in any direction 0/90/180/270°. Suitable for installation at a distance from the wall. Suitable for rigid wall, rigid floor and lightweight wall (plasterboard). Does not require maintenance. For indoor use. Intermediate dimensions on request. Operating temperature: max 50°C.

Use and Classification

- Rigid wall: EI 120 (ve i ↔ o) S - (500 Pa).
- Lightweight wall: EI 120 (ve i ↔ o) S - (300 Pa) with Weichschott sealing on plasterboard wall.
- Slab: EI 120 (ho i ↔ o) S - (500 Pa) aerated concrete.

Minimum distance principle

CU-LT fire dampers can be installed with coupled flanges adjacent to a wall, ceiling or floor. This type of fire damper has been optimised to minimise the installation distance between two dampers and between the damper and the adjacent wall.

Standard Version

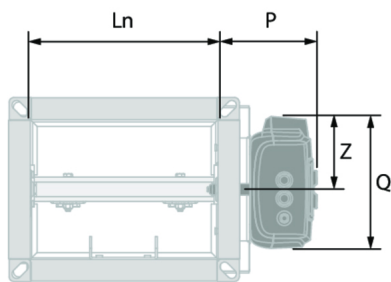
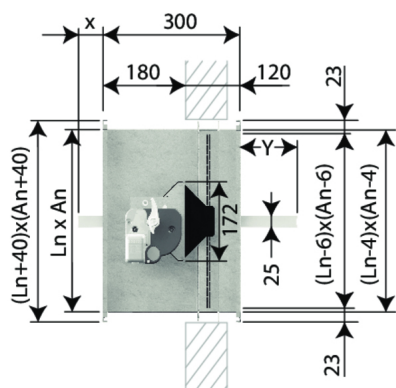
- With thermo-mechanical manual drive: code CU-LT + MFUSP + FDCU.

Versions on request

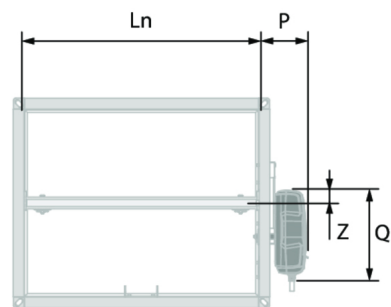
- With electromagnet drive normally energised or normally de-energised , code CU-LT + UNIQ VD/VM FDCB.

Accessories

- F-MFUS – 72°C Replacement Thermal Fuse for MFUS(P) Manual Mechanism, suitable for CU-LT and CR120 series fire dampers.



An < 400mm



An ≥ 400mm

Dimensions

x: blade coming out on mechanism side.
y: blade coming out on wall side.

An (mm)	150	200	250	300	350	400	450	500	550
x (mm)								17	42
y (mm)	2	27	52	77	102	127	152	177	202

MFUSP	An < 400mm (mm)	An ≥ 400mm (mm)
P (mm)	101	101
Q (mm)	122	123
Z (mm)	61	28

Price List

Ln: base (mm)													
An: altezza	200	250	300	350	400	450	500	550	600	650	700	750	800
mm	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur	Eur
100	237,07	242,27	247,35	252,60	257,72	262,84	267,99	273,20	278,30	283,46	288,61	293,74	298,88
150	238,26	243,46	248,56	253,80	258,89	264,06	269,21	274,32	279,49	284,66	289,75	294,95	300,10
200	239,49	244,65	249,78	254,98	260,07	265,24	270,35	275,56	280,70	285,82	290,95	296,19	301,26
250	245,04	250,57	256,07	261,60	267,08	272,58	278,08	283,58	289,14	294,67	300,20	305,72	324,96
300	250,57	256,43	262,30	268,22	274,04	279,92	285,82	291,71	297,56	303,42	323,12	328,99	334,83
350	256,11	262,36	268,61	274,87	281,08	287,32	293,55	299,83	319,80	326,04	332,23	338,51	344,79
400	261,67	268,25	274,90	281,51	288,05	294,67	315,02	321,64	328,18	334,83	341,44	348,02	354,66
450	267,21	274,16	281,14	288,10	295,01	315,81	322,78	329,75	336,67	343,62	350,59	357,60	364,53
500	272,77	280,00	287,40	294,75	315,84	323,16	330,51	337,79	345,08	352,46	359,79	367,11	388,21
550	278,23	285,99	293,63	301,32	322,83	330,51	338,19	345,88	353,61	361,25	368,99	390,44	398,08
600	283,82	291,84	299,94	321,81	329,80	337,85	345,88	353,93	362,04	370,10	391,89	399,94	408,01

Spare Fuses

Description		Eur
	F-MFUS - 72°C Replacement Thermal Fuse for MFUS(P) Manual Mechanism, suitable for CU-LT and CR120 series fire dampers	17,56