

WKS25

Assembly instructions

WKS25

EN 1366-2 tested and CE marked according to EN 15650 fire damper.

Top performances

- Dimensions: from 100x200 to 800x600 mm
- All “side by side” installations are CE certified
- All “near the wall/near the floor/near the corner” installations are CE certified
- Quick installation
- Smoke sealing tested at 500 Pa
- Class “C” sealing according to EN 1751
- Can be installed without special material or tools for sealing
- Manual mechanism, magnetic release or servomotor driven
- Replaceable mechanism even with installed damper
- Origin of fire is irrelevant
- Automatic closing in less than 30 seconds when reaching 70°C
- No thermal bridge between ducts across the wall
- Heat and flame insulation
- Cold and hot smokes sealing

Tested and certified security

- Tested and certified at CSI laboratory in Bollate (Italy) Efectis (France)
- Aeraulic performances tested in CFD environment at Energo S.r.l. (Italy)
- Acoustic performances test at Peutz laboratories in Mook (Holland)

Security everywhere

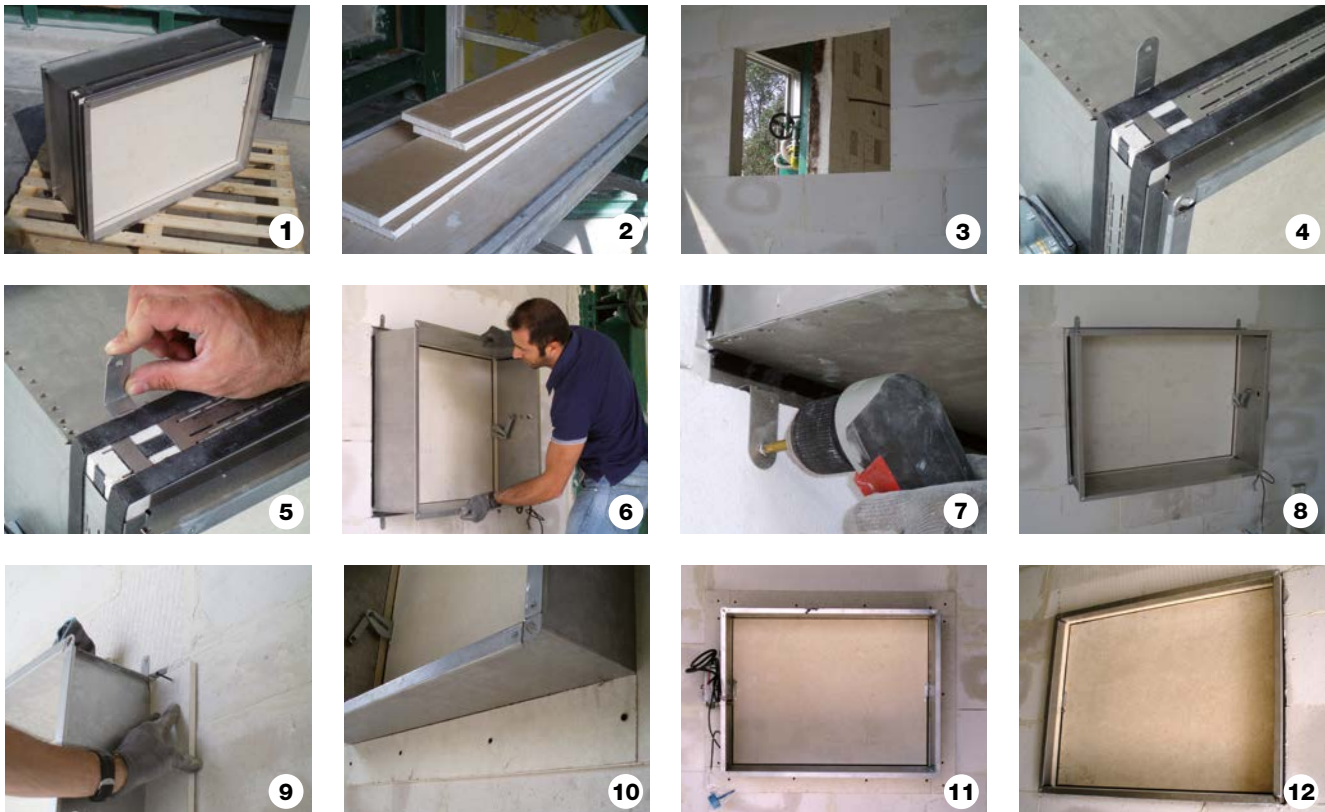
- Tested according to EN 1366-2 for every kind of support
- CE marked according to EN 15650



a×b nominal dimensions of damper
ve vertical installation
ho horizontal installation
(i↔o) origin of fire is irrelevant
Pa negative pressure
E integrity
I thermal insulation
S smoke seal

For more detailed information visit:
<http://www.mp3-italia.it>

Montage



		EI 120 S (500 Pa)	EI 90 S (500 Pa)	EI 60 S (500 Pa)
Rigid wall	EI 120 S – Installation within vertical rigid wall			
	Wall min. thickness 100 mm Wall min. density 550 kg/m ³ Mortar sealing ve (i↔o)	Wet sealing method a×b min 100×200 max 800×600	a×b min 100×200 max 800×600	a×b min 100×200 max 800×600
Flexible wall	EI 120 S – Installation within vertical light wall (plasterboard)			
	Wall min. thickness 100 mm Wall rock wool min. density 100 kg/m ³ Plasterboard and rock wool 100 kg/m ³ sealing ve (i↔o)	Dry sealing method a×b min 100×200 max 800×600	a×b min 100×200 max 800×600	a×b min 100×200 max 800×600
	EI 90 S – Installation within vertical light wall (gypsum block wall)			
	Wall min. thickness 70 mm Wall min. density 995 kg/m ³ Plaster putty sealing ve (i↔o)	Wet sealing method -	a×b min 100×200 max 800×600	a×b min 100×200 max 800×600
	EI 120 S – Installation within vertical light wall (gypsum block wall)			
Wall min. thickness 100 mm Wall min. density 995 kg/m ³ Plaster putty sealing ve (i↔o)	Wet sealing method a×b min 100×200 max 800×600	a×b min 100×200 max 800×600	a×b min 100×200 max 800×600	

The fire resistance classifications refer to the conditions obtained by rigorously applying the instructions indicated in the Technical Manual, with reference both to the construction of the wall/ceiling and the installation of the damper.
If the fire resistance class of the wall/floor is different from that of the fire damper in the specific installation conditions, the fire class to be used as reference will be the lesser of the two.



At Lindab we simplify construction for our customers. We do that by designing easy-to-use products and solutions, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction