
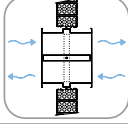
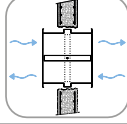
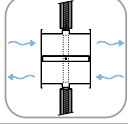
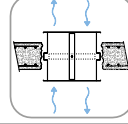







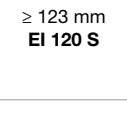
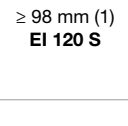


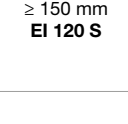
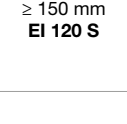
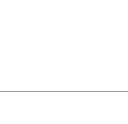
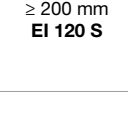

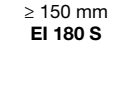
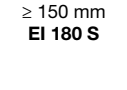

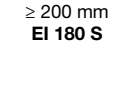

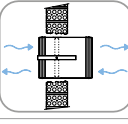
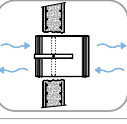
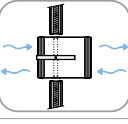
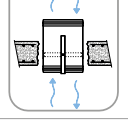

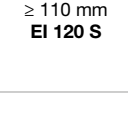
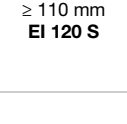
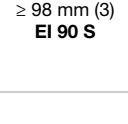


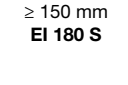
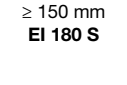

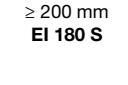


Fire dampers: Fire classification according to EN 13501-3

RECTANGULAR FIRE DAMPERS

Fire damper model	Dimensions (mm)	Test depressure (Pa)	Vertical mounting (ve i↔o)			Horizontal mounting (ho i↔o)
			BRICK WALL	REINFORCED CONCRETE WALL	FLEXIBLE WALL	REINFORCED CONCRETE FLOOR
 FBK-E1	L: 100 to 1000 H: 100 to 600	500 Pa	 ≥ 105 mm EI 120 S	 ≥ 105 mm EI 120 S		 ≥ 150 mm EI 120 S
 FBK-E1-BP	L: 100 to 1000 H: 100 to 600	500 Pa	 ≥ 105 mm EI 120 S	 ≥ 105 mm EI 120 S		 ≥ 150 mm EI 120 S
 FLX-EIS-120	L: 200 to 1000 H: 200 to 600	500 Pa	 ≥ 123 mm EI 120 S	 ≥ 123 mm EI 120 S	 ≥ 98 mm (1) EI 120 S	 ≥ 200 mm EI 120 S
 FOK-EIS-120	L: 1000 to 1500 H: 600 to 800	500 Pa	 ≥ 150 mm EI 120 S	 ≥ 150 mm EI 120 S		 ≥ 200 mm EI 120 S
 FOK-EIS-180	L: 200 to 1500 H: 200 to 800	500 Pa	 ≥ 150 mm EI 180 S	 ≥ 150 mm EI 180 S		 ≥ 200 mm EI 180 S

CIRCULAR FIRE DAMPERS

Fire damper model	Dimensions (mm)	Test depressure (Pa)	Vertical mounting (ve i↔o)			Horizontal mounting (ho i↔o)
			BRICK WALL	REINFORCED CONCRETE WALL	FLEXIBLE WALL	REINFORCED CONCRETE FLOOR
 FMC-EIS-120	Ø 100 to 315	500 Pa	 ≥ 110 mm EI 120 S	 ≥ 110 mm EI 120 S	 ≥ 108 mm (2) EI 90 S	 ≥ 150 mm EI 120 S
 FOC-EIS-120	Ø 355 to 630	500 Pa	 ≥ 110 mm EI 120 S	 ≥ 110 mm EI 120 S	 ≥ 98 mm (3) EI 90 S	
 FOC-EIS-180	Ø 100 (4) to 630	300 Pa	 ≥ 150 mm EI 180 S	 ≥ 150 mm EI 180 S		 ≥ 200 mm EI 180 S

(1) 98mm; Plasterboard type F (s/ EN 520), 12'5 x 2 + 48 (Mineral wool, 50 Kg/m3) + 12'5 x 2, Modulation 600mm.

(2) 108mm; Plasterboard type F (s/ EN 520), 15 x 2 + 48 (Mineral wool, 40 Kg/m3) + 15 x 2, Modulation 400mm.

(3) 98mm; Plasterboard tipo F (s/ EN 520), 12'5 x 2 + 48 (Mineral wool, 20 Kg/m3) + 12'5 x 2, Modulation 400mm.

(4) For diameters below 200 mm, Fire damper of diameter 200mm + reductions on both sides.

* For more installation details, check on each fire damper technical information.