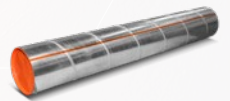
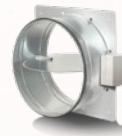


 CRITICAL AIR SOLUTIONS

FIRE SAFETY

FIRE SAFETY SOLUTIONS

» PRODUCTS AND SOLUTIONS TO KEEP PEOPLE AND PROPERTY SAFE

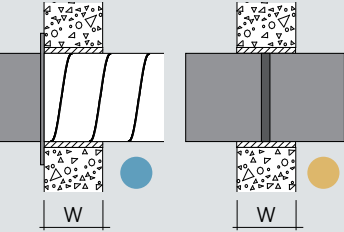


FIRE DAMPERS
model

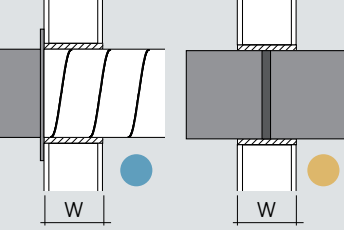
CE EN 15650

Dimensions (mm)

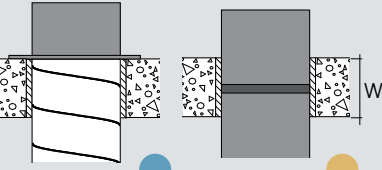
Installation rigid wall



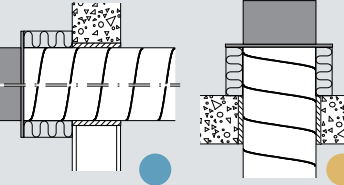
Installation flexible wall



Installation rigid floor

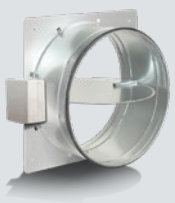
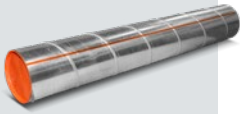
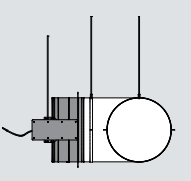
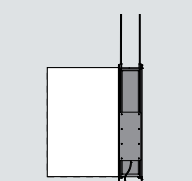
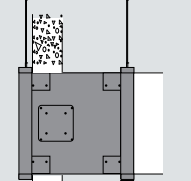
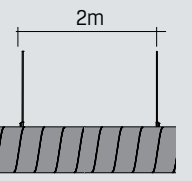
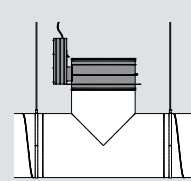
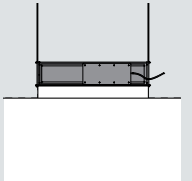
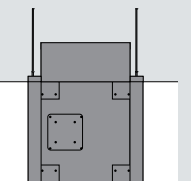
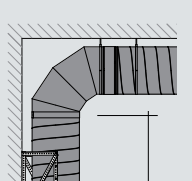
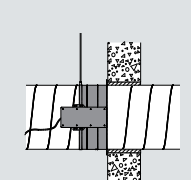
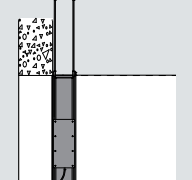
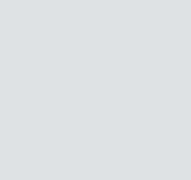
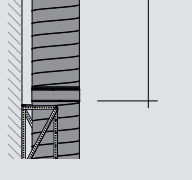


Installation outside building
element



	 KSOF with fuse	 ETPR-E-1 with fuse	 ETPR-E-1 with motor	 ETCE with fuse	 ETCE with motor	 ETPR with fuse	 ETPR with motor	 ETPS-E with motor	 FK120/FK90 with fuse	 FK120/FK90 with motor
										
Dimensions (mm)	Ø100 – Ø200	Ø100 – Ø500	Ø100 – Ø500	Ø100 – Ø630	Ø100 – Ø1000	Ø100 – Ø630	Ø100 – Ø630	200x200 – 1200x1200	200x200 – 1500x800 (alt. 1000x1000)	200x200 – 1500x800 (alt. 1000x1000)
Installation rigid wall	E 60 S E 120 S (W ≥ 100)	E 60 S E 90 (W ≥ 110)	E 60 S E 90 (W ≥ 110)	EI 60 S EI 90 S EI 120 S (W ≥ 100)	EI 60 S EI 90 S * EI 120 S * (W ≥ 100) * max size 800	EI 60 S (W ≥ 100)	EI 60 S (W ≥ 100)	E 60 S * E 120 S * (W ≥ 116) * max size 800x800	EI 60 S EI 90 S EI 120 S (W ≥ 100)	EI 60 S EI 90 S EI 120 S (W ≥ 100)
										
Installation flexible wall	E 45 S E 60 (W ≥ 140)	E 60 S E 90 (W ≥ 116)	E 60 S E 90 (W ≥ 116)	EI 60 S (W ≥ 116) EI 90 S (W ≥ 126) EI 120 S (W ≥ 126)	EI 60 S (W ≥ 116) EI 90 S (W ≥ 126)* EI 120 S (W ≥ 126)* * max size 800	EI 60 S (W ≥ 116)	EI 60 S (W ≥ 116)	E 60 S * E 120 S * (W ≥ 116) * max size 800x800	EI 60 S (W ≥ 100) EI 90 S (W ≥ 100)	EI 60 S (W ≥ 100) EI 90 S (W ≥ 100)
										
Installation rigid floor	E 120 (W ≥ 100)	E 60 S E 120 (W ≥ 110)	E 60 S E 120 (W ≥ 110)	EI 60 S EI 90 S EI 120 S (W ≥ 120)	EI 60 S EI 90 S EI 120 S (W ≥ 120*/140) * sizes 100-400	EI 60 S EI 90 S (W ≥ 120*/140) * sizes 100-400	EI 60 S EI 90 S (W ≥ 120*/140) * sizes 100-400	E 60 S E 120 S (W ≥ 110)	EI 60 S EI 90 S EI 120 S (W ≥ 115)	EI 60 S EI 90 S EI 120 S (W ≥ 115)
										
Installation outside building element						EI 60 S	EI 60 S			
						 	 			

SMOKE CONTROL DAMPERS AND DUCTS model

	 ESAR	 ESAS	 SEDM	 ESAD
	 EN 12101-8	 EN 12101-8	 EN 12101-8	 EN 12101-7
Dimensions (mm)	Ø100 — Ø630	200x200 — 1200x1200	200x200 — 1600x1000	Ø010 — Ø100 cm
Fire classification	E 120 S	E 120	EI 120 S	E 120 S
Pressure class		500 Pa	1000 Pa	1500 Pa
Installation examples with activation class  MA = manually by fire fighter activated systems, 25 min open / close  AA = automatically by a fire alarm activated systems	  	  	 	
	  	  	  	
	  	  		



ISYteq FICO PRO MAIN CONTROLLER

- Monitor and control up to 256 fire damper actuators
- Directly control up to 4 fire damper actuators
- Use a mixture of 2 or 4 multi-boxes (4+252)
- Automatic addressing to save you time
- 7-Inch colour touch screen for easy set-up & commissioning
- Easy connection to BMS system with Modbus RTU, TCP, Ethernet & GPRS
- Safety Integrated level (SIL) included
- Built in scheduler for any time testing
- Customisable testing – single, zone or all dampers regimes
- Monitor opening & closing times of fire dampers for intuitive maintenance
- Built in modem for APP launch at end of 2020
- Use the sounder & APP for faster identification of multi-box location in building
- Utilise cloud through APP for extended storing of historical data and proof of testing



ISYteq FICO MINI MAIN CONTROLLER

- Monitor and control up to 12 fire damper actuators
- Automatic detection of multi-boxes, fire damper actuators and smoke detectors to save you time
- Highly adaptable – use a mixture of 2 or 4 multi-boxes (4+2 = 6 or 4+2+2 = 8 or 4+4+2 = 10 or 4+4+4 = 12) and up to 6 smoke detectors in total
- Choose between in room or duct smoke detectors
- Automatic addressing to save you time
- Easy connection to building management system (BMS) with Modbus RS485
- Built in scheduler for any time testing
- Contact for building fire alarm system
- Interlocking fan contact

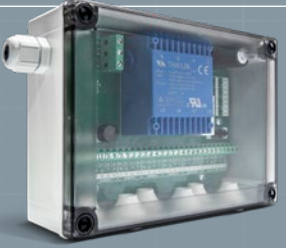
ISYteq FICO FCBB-2

- 2 fire damper actuator to connect to FICO PRO or FICO MINI
- Built in transformer 24v
- Automatic addressing of components
- Sounder for FICO PRO app to identify location in building
- Status, Alarm, Fire, Open/Close and service LED's



ISYteq FICO FCBB-4

- 4 fire damper actuator to connect to FICO PRO or FICO MINI
- Built in transformer 24v
- Automatic addressing of components
- Sounder for FICO PRO app to identify location in building
- Status, Alarm, Fire, Open/Close and service LED's



ISYteq FICO I/O MODULE

- Connected to the FICO PRO to monitor the status of mechanical fire dampers
- Used with the FICO PRO and Multi-boxes to set zones of for set up a single damper testing.



EXCELLENCE IN SOLUTIONS

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FIRE SAFETY 9785GB

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Air Distribution | Air Filtration | Air Management & ATD's
Air Conditioning & Heating | Controls | Service

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