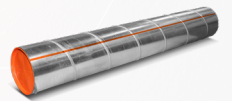
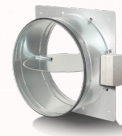


 CRITICAL AIR SOLUTIONS

FIRE SAFETY

FIRE SAFETY SOLUTIONS

» PRODUCTS AND SOLUTIONS TO KEEP PEOPLE AND PROPERTY SAFE



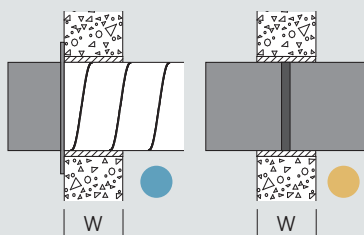
FIRE DAMPERS

model

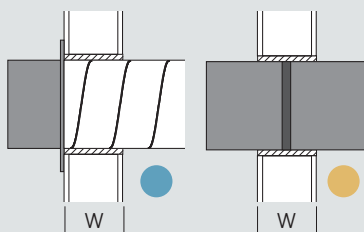
CE EN 15650

Dimensions (mm)

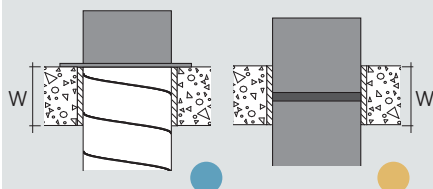
Installation rigid wall



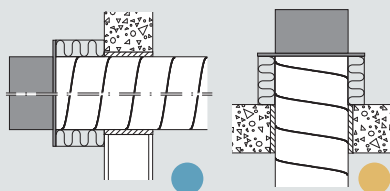
Installation flexible wall



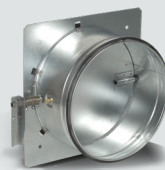
Installation rigid floor



Installation outside building element



KSOF
with fuse



ETPR-E-1
with fuse



ETPR-E-1
with motor



ETCE
with fuse



Ø100 —
Ø200

Ø100 —
Ø500

Ø100 —
Ø500

Ø100 —
Ø630

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)



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)



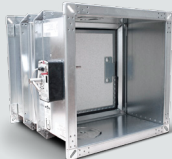
E 120
(W ≥ 100)

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)



					
ETCE with motor	ETPR with fuse	ETPR with motor	ETPS-E with motor	FK120/FK90 with fuse	FK120/FK90 with motor
●	●	●	●	●	●
Ø100 — Ø1000	Ø100 — Ø630	Ø100 — Ø630	200x200 — 1200x1200	200x200 — 1500x800 (alt. 1000x1000)	200x200 — 1500x800 (alt. 1000x1000)
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)
●	●	●	●	●	●
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)
●	●	●	●	●	●
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)
●	●	●	●	●	●
	EI 60 S	EI 60 S			
	● ●	● ●			

SMOKE CONTROL DAMPERS AND DUCTS

model



Dimensions (mm)

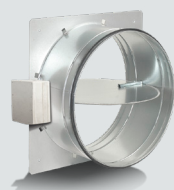
Fire classification

Pressure class

Installation examples
with activation class

● MA
= manually by fire
fighter activated
systems,
25 min open / close

● AA
= automatically by
a fire alarm activated
systems

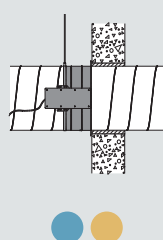
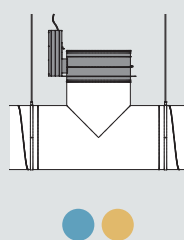
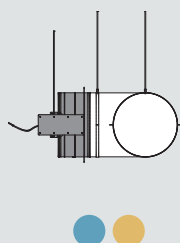


ESAR

●
EN 12101-8

Ø100 —
Ø630

E 120 S

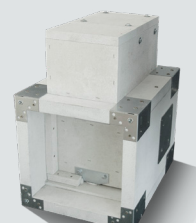
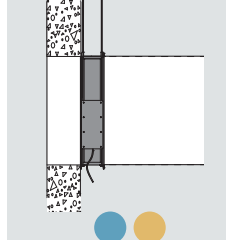
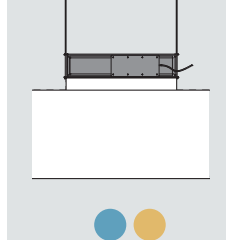
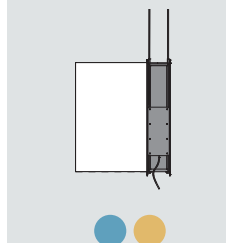


ESAS

●
EN 12101-8

200x200 —
1200x1200

E 120

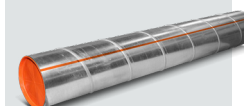
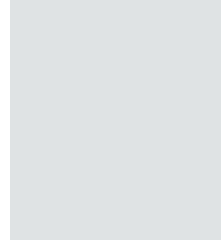
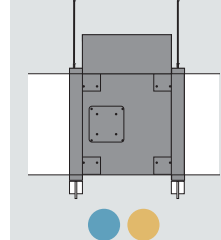
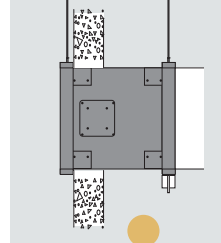
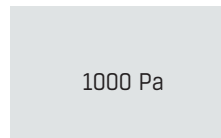


SEDM

●
EN 12101-8

200x200 —
1600x1000

EI 120 S

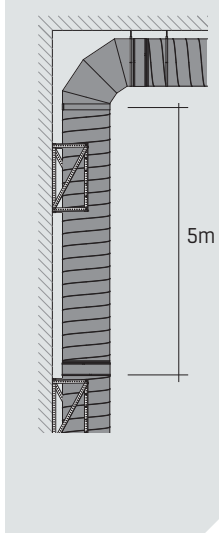
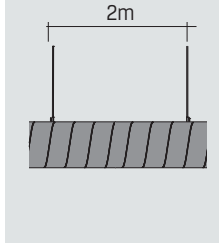


ESAD

●
EN 12101-7

Ø010 —
Ø100 cm

E 120 S





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

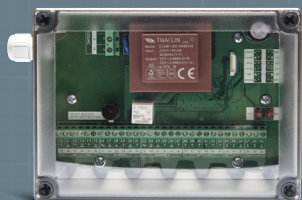


ISYteq FICO MINI MAIN CONTROLLER

- 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 Treatment | Air Movement | Air Diffusion
Air Distribution | Air Filtration | Air Management & ATD's
Air Conditioning & Heating | Controls | Service

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