Firescreen Radiation R1 / R2 / R3

FIRE-RESISTANT FIRE CURTAIN

Firescreen Radiation fire-resistant fire curtains are flame-resistant and limit heat radiation to a maximum of 15 kW/m² (W). This prevents temperatures in neighbouring areas of the building becoming so high that fire can occur. All Firescreen Radiation fire curtains are suitable as barriers for fire compartments.

STANDARD SPECIFICATIONS

Installation:	Inside mount and on the wall.
Application:	Industry, commercial buildings, public buildings and healthcare institutions.
Function:	Door closes only in the event of a fire alarm.
Fire resistance:	Tested according to standard EN 13501-2. Fire resistance classes: EW30, EW60, and EW90.
Reaction to fire:	Tested according to standard EN 13501-1. Meets the following criteria:

- B
- S1
- D0

Material:	Technical textile, provided with a smoke-proof coating, based on polyurethane, double-walled, filled with needle mat.
Material thickness:	8 mm total thickness
Cloth weight per m²:	2 kg/m²
Side guide rails:	Sendzimir galvanised sheet steel profile
Head box:	Sendzimir galvanised sheet steel
Bottom bar:	Steel tubular profile

CONTROL OPTIONS

- GFS (Gravity Fail Safe)

The fire-resistant fire curtain is equipped with a 230V tubular motor which is driven by the control box of the Firescreen Control. In the event of power failure, the screen closes by gravity. Open/close buttons on the control box of the Firescreen Control to manually operate the system.

- EFS (Electrical Fail Safe)

The fire-resistant fire curtain is equipped with a 24V tubular motor which is driven by the control box of the Firescreen Control and 24V emergency power batteries. In the event of power failure, the screen closes with these emergency power batteries. Key switch for operation/reset.

FIRESCREEN CONTROL

The control box can be connected to the fire alarm system and has LED indicators for:

- Power supply
- Active fire signal
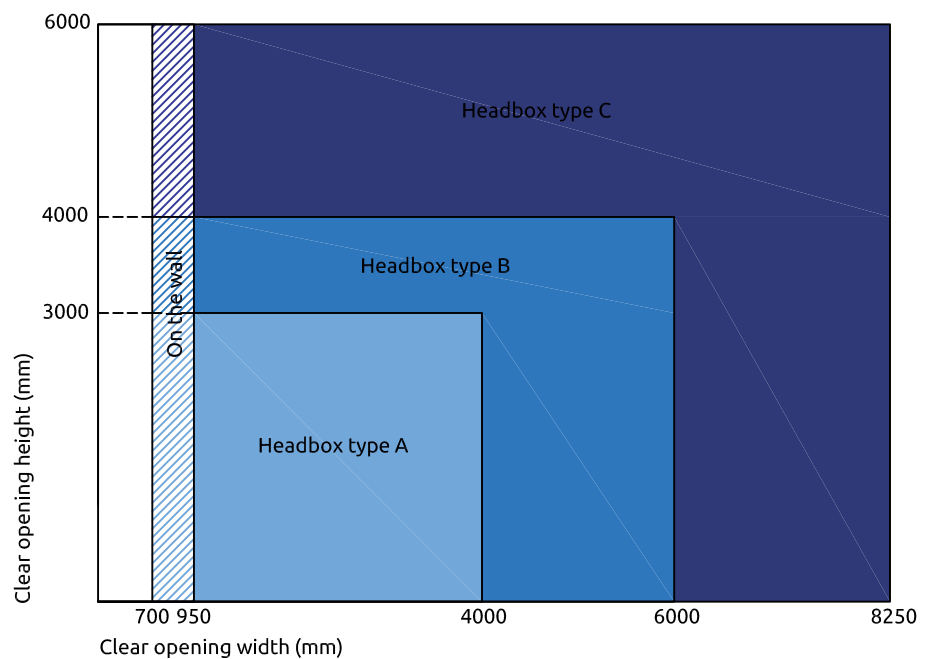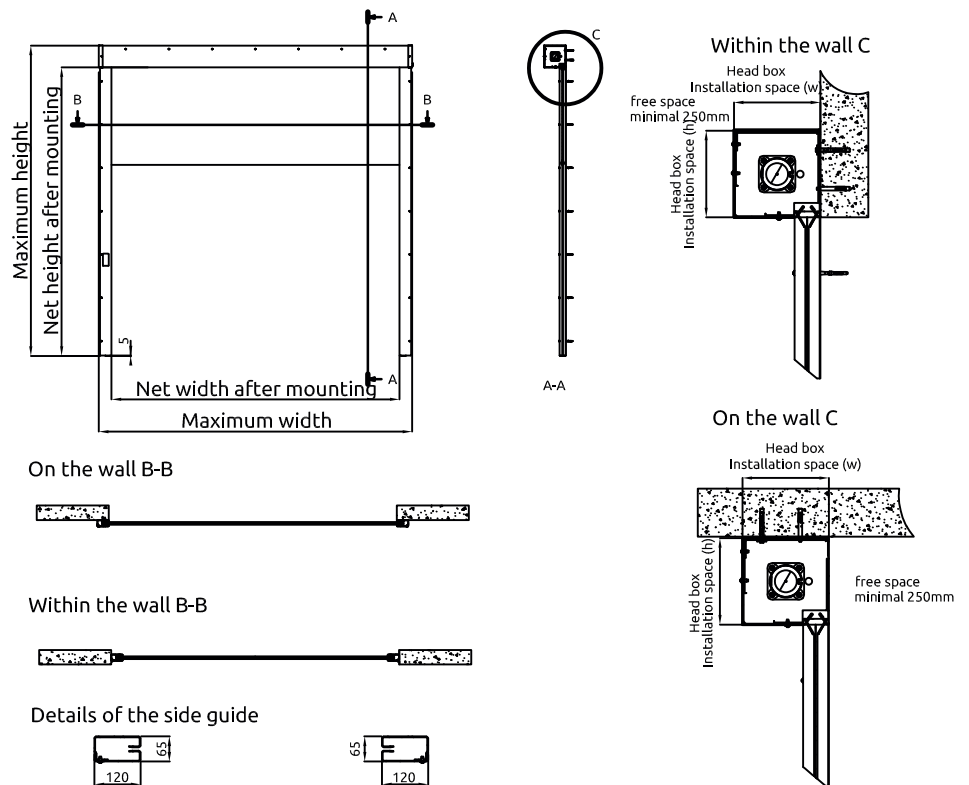- Maintenance status
- Battery status

OPTIONS

- Powder-coating of side guides, head box and consoles in any desired RAL colour.
- Emergency push button
- Smoke and temperature detectors
- Strobe light and/or buzzer
- External LED display (in case the control box is concealed above the ceiling).
- Emergency power batteries (only for GFS). Prevent screen closure in the event of a short power interruption.

- 90 minutes of fire resistance
- Installation as inside mount or on the wall
- Thermal radiation max. 15 kW/m²
- Tested according to standard EN 1634-1 / EN 15269-11
- Tested according to standard EN 13501-1
- Little installation space and side space needed
- Lightweight

Purveyor
to the
Royal Household

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Maximum height
Net height after mounting
5
Net width after mounting
Maximum width

A-A
C

Within the wall C

Head box
Installation space (w)
free space minimal 250mm
Head box Installation space (h)

On the wall B-B

Within the wall B-B

Details of the side guide

65
120
65
120

On the wall C

Head box
Installation space (w)
Head box Installation space (h)
free space minimal 250mm

On the wall

Headbox type C

Headbox type B

Headbox type A

Clear opening height (mm)

700 950   4000   6000   8250

Clear opening width (mm)

6000
4000
3000

Installation space (Width x height) (mm)

Headbox type A : 225 x 225 mm
Headbox type B : 275 x 275 mm
Headbox type C : 345 x 345 mm

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