Cooks
Blinds & Doors
Est. 1965

For Commercial Applications,

The Flameshield 120 Commercial Fireshutter **has it covered.**

Choosing fireshutters has always been about selecting the right one for the job - and nothing else. But all that's about to change because the Flameshield 120 Commercial Fireshutter has been developed to enable the asthetics of the application to be taken into consideration.

For commercial applications, like receptions and serveries, for example, the clean lines and internal motor of the new **Flameshield 120 Commercial Fireshutter** provide a stylish solution to fire safety demands.

The **Flameshield 120 Commercial Fireshutter** was successfully tested at the Warrington Fire Research Establishment and is constructed to WARRES No. 145904 - the test is in accordance with clause 8 of BS476 part 22: 1987.

RELEASE MECHANISMS

Fire relay & key switch (requires maintained supply, battery back up needed if no maintained supply).

Fire relay, key switch & fusible link (requires maintained supply, battery back up needed if no maintained supply), fusible link if no fire alarm.

FIRE RELAY

Principally the commonly used means of release, the characteristics mimic the use of the solenoid on the conventional fire shutter, again linked to the fire alarm, the shutter rather than closing manually through the gearbox will of course be powered down. A volt free signal is required from the fire alarm.

FUSIBLE LINK RELEASE

On activation the link, which is a soldered link, separates and releases at 64 degrees centigrade, in effect the temperature release of the link creates a signal to the relay which in turn powers the door down.

AUDIO VISUAL WARNING (FDI)

Principally this unit is designed to delay the closing of the fire shutter; generally the fire alarm is linked to the audio visual unit and from the audio visual straight into the key switch. There is no need for a separate relay; there is already a relay in the FDI.
On activation from the fire alarm the unit starts to "flash & sound", this unit contains a programmable timer which effectively delays the signal to the relay in the panel to close the door. 230mm wide x 240mm long x 120mm deep.

SIZE PARAMETERS

The shutter test relates to 1HR / 2HR fire resistance.

The shutters are generally intended for protection of a range of openings in masonry / concrete, steel, steel stud or timber partitions.

The maximum clear openings are for 4000mm wide x 2500mm high, or in a partition system for 1 hour up to an area of 10sq mtrs, principally this incorporates the BRE test FG 794IN which relates to a tested fire shutter in a stud partition, the opening must be fire rated to suit and be capable of carrying the weight of the shutter.

Where the shutters are used to protect serveries it is assumed that the counter is composed of non-combustible material and the counter is of sufficient width to ensure that the bottom rail movement under heating cannot result in the rail overhanging the counter.

Shutters over 3500mm up to 4800mm will be traditional curved 75mm lath construction, based on a maximum area of 10sq mtrs. Shutters under 4000mm clear width will have 50mm guides and shutters over this width will have the traditional 65mm guides.

BATTERY BACK UP UNIT

Principally the tube motor fire shutter requires a maintained supply, if this cannot be achieved then effectively the shutter will require a battery back up unit.

Fundamentally if under fire conditions there is a power failure the shutter must have a means of ensuring closure, the unit provided will give the facility for at least one operation under fire conditions. The dimensions of the battery backup are 200mm (wide) x 130mm (long) x 70mm (deep).

PAINT FINISH OPTION

To compliment the asthetics of your application, this product can be powder coated to any BS or RAL colour (subject to availability).

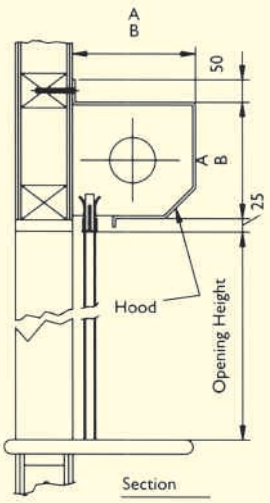
Flameshield 120 Standard Build	
Curtain	50mm flat or 75mm curved lath. 'T' section bottom rail.
Guides	50mm U section, up to 4000mm wide. 65mm U Section above 4000mm wide. Galvanised.
Angles	75mm x 50mm mild steel.
Operation	IPH Tubular Motor.
Finish	1 coat primer paint on end plates, angles and barrel.

Commercial Fire Shutters

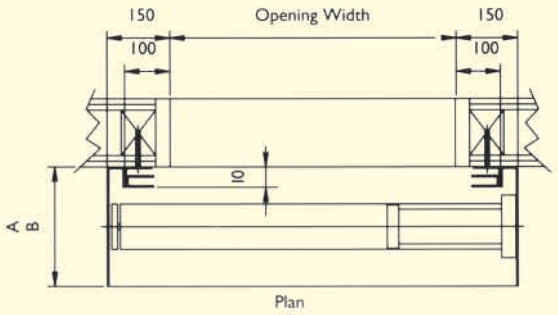
COMMERCIAL

Flameshield I20

Door Weight 30Kg/sq.metre

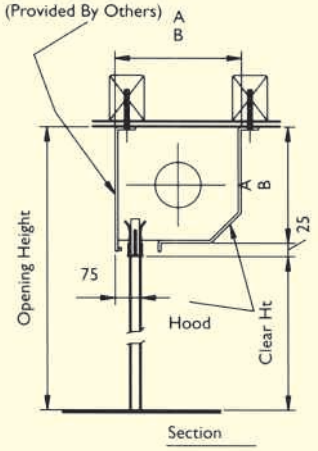


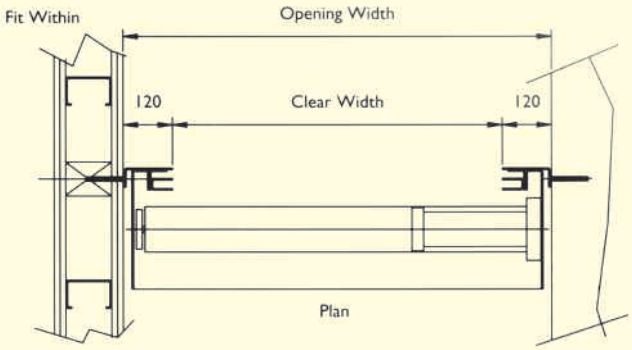
Face Fitted

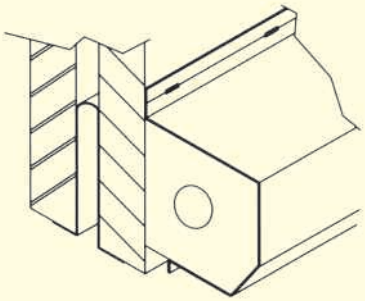


UP TO 2900mm OVERALL HEIGHT DIM. 'A' = 305mm
OVER 2900mm & UP TO 3850mm DIM 'B' = 350mm
NOTE: FOR OPENINGS OVER 3500mm WIDE ADD
15mm TO ALL SIDEROOM DIMENSIONS SHOWN

Fire Rated Fascia Panel
(Provided By Others)

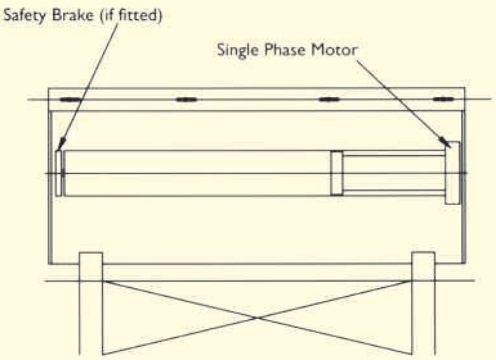






Isometric view showing elongated slots for fixing hood

Minimum width available is 800mm overall endplates



FDI Audio Visual Warning Panel

Battery Back Up Unit

Fire Relay Unit

Key Switch

Push Button Station

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