SS F120 - 2 Hour Tube motor

FIRE-SHUTTER

Operation Keyswitch / Rockerswitch

Typical Application Kitchen Servery / Reception Counter

MAXIMUM SIZE 3000mm WIDE x 3000mm HIGH

CURTAIN 2" flat lath galvanised to BS729:1971, 20swg (0.9mm) thick. Alternate laths are fitted with high quality pressed steel end locks, which are double pop riveted to prevent lateral movement. The curtain is attached to the shutter barrel using high tensile hexagon head set screws. A high strength inverted "T" section bottom rail is added to the base of the curtain for rigidity and fire integrity.

BARREL 4" Outside diameter electric resistance welded tube (BS6323) which supports the steel bearing blocks. 240 volt tubular motor, complete with manual override, limits and planetary gearbox.

FLAGS Endplates are constructed from flat 6mm thick mild steel plate (BS 1449) bolted to the endplate using high tensile hexagon head bolts. The motor drive endplate is fitted with a motor mounting plate using hexagon head high tensile set screws, the non-motor end is fitted with a lost bobbin arrangement. Fixing angles are formed using hot rolled angle section, 75mm x 50mm x 6mm, attached to the fixing angles are the galvanised (BS 729:1971) shutter guides, the guide section is typically 2 1/2" in depth x 1" inside dimension, the guide thickness is 3mm. The flags are coated in a black primer paint finish.

HOOD Slotted Fire Hood made from 20swg mild steel, galvanised to BS729:1971, c/w 50mm x 9mm obround shaped slots.

ELECTRICAL REQUIREMENTS

Single Phase 13 Amp fused spur / isolator

Supply required within 1 metre of motor side

POWER / ACTIVATION DETAILS

SS F120 Fire Shutters are linked into the fire alarm system as standard, otherwise a local smoke detector will be required (by others) to activate the shutter. The fire signal required is a normally open volt free signal.

SS F120 Fire Shutters **MUST** have a "maintained supply". A battery backup system can be provided at an extra cost.

RELEASE MECHANISM

Activated upon receipt of signal from fire alarm / smoke detector. The tubular motor drives the shutter to the fully closed position.

OPTION _ Fire Door Interface Panels & Repeaters

Activated upon receipt of signal from fire alarm / smoke detector. A time delay can be programmed into the fire door interface panel (FDI), whereby the signal will be held from the shutter until the programmed time has elapsed. During the time delay the FDI panel will flash "FIRE DOOR CLOSING", simultaneously an audible alarm will sound. Once the time has elapsed, the signal will then be sent to the solenoid allowing the shutter to close under controlled descent.

WEIGHT 35 KG's Per Square Metre

Space Requirements

Face Fix

Maximum Width	*Motor Sideroom*	*Non-Motor Sideroom*
2500	*150mm*	*76mm Per Side*

Between Fix

Maximum Width	*Motor Sideroom*	*Non-Motor Sideroom*
2500	*Lose 178mm*	*Lose 70mm*

Maximum Height	*Headroom*
2600	275mm
3000	330mm