



Product Data Sheet 15/4 Delta Check 5000/6000 1 or 2 Hour Fire & Smoke Curtain

Product Description

All our fire curtains are manufactured and produced in accordance with the parameters and technical respects indicated within the specification, which was submitted to the Warrington Fire Research Establishment. The curtains constructed to Warrington Fire Research Centre WARRES No 165694, the test is in accordance with clause 8 of BS476 part 22:1987.

Curtains

Fire curtains are formed from a fire rated fabric 0.65mm thick, stitched and hemmed (were required) using Kevlar and stainless steel thread, the unique 2 section bottom rail allows smooth operation of the curtain.

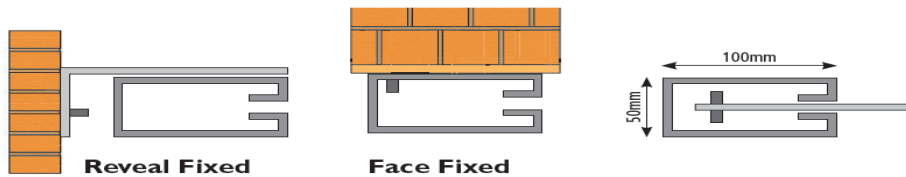


Guides

Fire curtain guides are constructed from 2.5mm mild steel plate in 2 sections, the front section of the guide is removable and allows repairs to be effected without dismantling the door. The guides are slotted for expansion.

Hood

The fire curtain hood is formed from 1.2mm galvanised steel plate and is slotted for expansion.



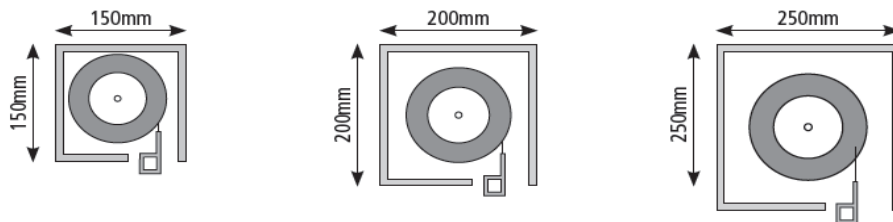
Due to fires causing positive or negative pressure, to keep the curtain secured in the guides, our steel curtain locking system is used as standard.

End plates

The fire curtain end plates are formed from 2.5mm plate depth of the plate is dependent on the overall height of the unit, the endplate has a formed motor compartment which will be packed with non combustible material.

Finishes

The fire curtain is standard grey, the endplates, guides, hood etc., are powder coated RAL 9010 white as standard, other colours are available at an additional cost.



Operation

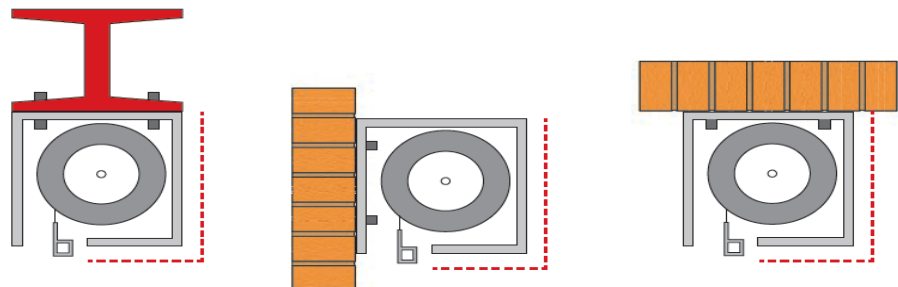
Electrically operated 1PH 240 volt AC or 24 volt DC

Usage

Although the fire curtain is provided with a key switch, it is not recommended for daily use.

Although there are various fixing methods which can be deployed for all types of building fabrics, most curtains can be integrated to suit the building.

--- Denotes removable access for maintenance purposes. Maintenance of this product is mandatory to comply with all current regulations. Maintenance prices are available on request.





Release Mechanisms

Linked to the fire alarm as standard other means of activation available are fusible link, smoke detector etc.

Barrel

Fire curtain barrels are manufactured from mild steel tube, tube size dependant on the overall size of the unit and deflection calculated to conform to British Standards; the barrel is mounted on 20mm high speed bearings and is complete with an enclosed tubular motor either 240 volt AC or 24volt DC.

Safety Feature gravity fail safe, operable if there is a power failure or if the wiring becomes corrupt.

Delta Check 5000

Standard Control Panel

- Easy set-up and connection.
- Automatic detection of motor end limits.
- Close type options – driven or gravity close as standard.
- Dead man operation – key switch, push buttons etc.,
- Link to fire alarm, will open or close the fire curtain on receipt of a signal from the fire alarm. (Volt Free signal required)
- Facility within the panel for an emergency escape / Fireman's switch, this would only operate if there are mains available.
- 24 Volt battery backup as standard (5 hour stand by time), can be used in the event of power failure.
- Facility for Alarm Test.
- Gravity fail safe available dependant on type of motor used.

Operational Overview

The Delta Check 5000 generally operates via a wall mounted 3 position key switch. Under normal operation the curtain is opened and closed via this key switch.

Fire Conditions - The panel continuously monitors the normally closed alarm input terminals, if the terminals go open i.e. alarm triggered, the shutter will close under power or via gravity to the fully closed position. Providing the alarm signal is cleared you can re-open the shutter accordingly.

Facility to link audio or visual warning devices, a siren or flashing light can be added, during the time the alarm input is open the 24Volt DC alarm is activated to allow these units to be added.

An emergency override alarm button can be used, this will allow you to open the shutter even if the alarm signal is still present, effectively if the alarm signal is still active, once you remove the signal i.e. the override button is released the shutter will re-commence its close cycle.

The P80 unit has a test function input that allows regular testing of the control / curtain.



Delta Check 6000

Advanced Panel

- Easy set-up and connection.
- Automatic detection of motor end limits.
- Close type options – driven or gravity close as standard.
- Dead man operation – key switch, push buttons etc.,
- Link to fire alarm, will open or close the fire curtain on receipt of a signal from the fire alarm. (Volt Free signal required)
- Can be activated by Fusible link, smoke detectors etc.,
- 2 stage controlled descent available.
- Status relays indicating fully open or fully closed.
- Safety device inputs.
- Low Battery auto close feature.
- Group control Facility.
- Facility within the panel for an emergency escape / Fireman's switch, this would only operate if there are mains available.
- 24 Volt battery backup as standard (5 hour stand by time), can be used in the event of a power failure.
- Facility for Alarm Test.
- Gravity fail safe available dependant on type of motor used.

Warranty

The Delta Check doors are supplied with a 24 month parts and labour warranty as standard providing the equipment is maintained in accordance with the manufacturer's instruction and not modified in any way whatsoever. Full details of the servicing requirements are available.

Servicing

To help protect your investment and extend the effective working life of the equipment, full maintenance packages are available and, in most cases, we can maintain all of your existing doors and loading bay equipment. The door must be serviced at least once per annum.

Full details of our preventative maintenance packages are available on request. Enerco recommend the first service is carried out 6 months after installation.

We have Worksafe Contractor, CHAS and Construction Line accreditation as well as being active members of the Doors and Hardware Federation (DHF) where we have their seal of approval for the service and maintenance of doors. We ensure that our staff are trained to the highest standard and all have an NVQ qualification in line with current industry guidelines This NVQ is in addition to the CSCS Health and Safety, First Aid, Asbestos Awareness and other training including product training applicable to our industry and is continually being updated.



Other products in the Delta range from Enerco include: -

Delta Guard – Commercial Shutters
Delta Insudoor – Insulated Roller Shutter
Delta Slide – Insulated Overhead Doors
Delta Part – High Speed Bi – Parting Doors
Delta Steel – Steel Security Door Sets
Delta Level – Dock Levellers
Delta Seal – Dock Sealing Systems
Delta Speed – High Speed Doors
Delta Service – Service and Repairs
Delta Glide – Garage Doors
Delta Glaze – Aluminium Glazed Window and Door Systems

Delta Roll – Steel Roller Shutter Doors
Delta Secure – High Speed Security Doors
Delta Crash – Rubber, Polyurethane & PVC Swing Doors
Delta Strip – Strip Curtains
Delta Fold – Steel Sliding Folding Shutters
Delta Lift – Scissor Lifts
Delta Shield – Perimeter Security
Delta Grille – Retractable Window Grilles
Delta Load – Loading Bay Accessories
Delta Bar – Fixed & Removable Security Window Bars

Please contact our sales team for more information on 01525 289322 or a brochure. Alternatively visit our web site www.enerco.co.uk or www.enercohighspeeddoors.co.uk

We reserve the right to change specification of the product or product data sheet without prior notification.

