

## Manufacturer, Supplier & Installer

### NECO DC Fire Control Panel



#### HIGHLIGHTS

- Up to 96 hours of battery back-up
- Volt-free fire alarm connection
- Additional battery back-up
- Includes the NECO DC Tubular Motor & the NECO Group Controller
- *Only* compatible with the NECO DC Tubular Motor

#### DESCRIPTION

The Neco DC Fire Control Panel is the heart of our range of Neco Fire Curtains, Smoke Curtains and Fire Shutters. It offers many features which deliver full control with all site situations.

#### FEATURES

##### Electronic Limits

A fire/smoke curtain can be commissioned without gaining access to the motor. All limits are set from the control panel.

If you need to return to site to commission your fire/smoke curtain, only one engineer is required.

##### Battery Back-Up:

If the power supply fails, the inbuilt battery back-up system maintains operation of the fire/smoke curtain until the power is restored (up to 96 hours).

##### Audio Visual

A full audio siren and flashing beacon are supplied. These can be (dis)connected depending on the site requirements.

##### Split Drop Delay

Once the alarm is activated, the fire/smoke curtain will descend to the middle split drop limit and remain in this position for up to 16 minutes.

It acts as a smoke curtain and prevents the spread of smoke, allowing people to escape before it descends to the floor.

##### Delay Before Descent

Once the fire alarm is activated, the curtain will remain in the up position ensuring the safe evacuation of the building. After a set period of time (up to 16 minutes), it will automatically close.



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## FEATURES Continued...

### Deadman and Auto Operation

The control panel can be placed in either automatic operation up or automatic operation down, or automatic operation up and deadman down.

### Auto Return Reset Function

Once the fire alarm is activated, the fire/smoke curtain will descend to the floor. It will remain in this position whilst the alarm is activated. Once the alarm is reset, the curtain will automatically return to the open position.

This feature is important where numerous fire/smoke curtains are installed. All the curtains will return to the open position without having to raise each individual curtain.

### Emergency Retract

If the fire/smoke curtain is activated a trapped person can press the emergency switch and raise the curtain to escape to the nearest fire exit.

### Volt Free Fire Alarm Connection

The control panel is designed to receive a volt free fire alarm signal. This can open or close.

### Double Knock Fire Activation

The control panel can operate a double knock fire alarm activation. This means that when the fire alarm is activated the curtain will descend to the split drop delay limit and act as a smoke curtain only.

The fire curtain will only reach the floor once a second signal is received either from a second fire signal or a stand alone relay based smoke or heat detector.

### Building Management System

The control panel can connect the fire curtains to connect to a building management system.

This allows a person in a control room or designated area to monitor all the fire/smoke curtains.

For example, if the fire alarm is activated the relevant person can check to see if all curtains have descended without having to walk around the building.

### Obstacle Detection

A photo cell can be attached to the fire/smoke curtain with a flashing beacon and sounder and connect to the control panel. This means that if an object is placed under the curtain the alarm will sound until the object is removed.