

Cornell Fire Product Closing System Accessories

Fire Product Options

M100 Chain and Crank Operator Optional Accessories

Push To Close Station - Option that simplifies operation and adds aesthetic appeal, replacing the floor level pull-to-close cable that is provided as standard. Designed for surface or flush mounting and includes a shielded cable that runs from the Close Station to the operator.



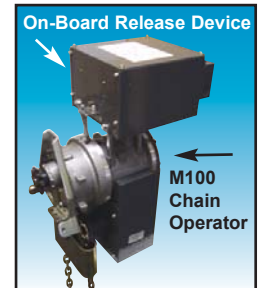
Optional Fire Door Release Devices

Electro-mechanical devices enable automatic closing fire doors to respond to alarm signals from detection devices such as smoke detectors, heat sensors and central alarm signals, permitting doors to close long before high temperatures melt fusible links. Fusible links should always be used as backup to the release device.

M100 Chain and Crank Release Devices

Mount directly on-board the operators, require 120 volt AC input power and are fail-safe by design.

- **Floor Level Cable Reset Model:** includes a light gauge cable that runs to floor level. Following activation and door closing, resetting of the device is done at floor level by pulling on the cable.
- **Automatic Reset Model:** following activation and door closing, this release device automatically resets itself once the alarm is cleared and/or power is restored.



Conventional (Non-M100) Fire Door Release Devices

■ FireGard DC

Designed to tie into and receive 24 volt DC power from a central alarm system that has a back-up power source. Activation of the central alarm system will cause an open fire door to close. Connection and voltage draw coordination with the alarm system provider is required. FireGard DC is UL listed with an adjustable alarm signal activation time delay. When a remote "down" limit switch is added, this device also offers Down Limit Detection, which prevents mechanical release of a fully closed fire door.

■ FireGard BB

Includes all the features of the FireGard DC unit, but contains its own internal battery back-up management system to support the device and provide 24 volt DC power to local detectors and warning appliances for up to 72 hours during a power outage. Accepts a 120 or 24 volt AC or 24 volt DC input power.

■ FireGard BV

Includes all the features of the FireGard BB except the battery back-up is for 24 hours and the BV adds a voice signaling board that provides two different voice warning messages upon activation. Messages are in English and are field selectable. The voice board can drive up to two 70.7v Speakers or Speaker Strobes that are sold separately.



FireGard DC shown, BB and BV units similar.

Conventional Fire Door Annunciators

Optional Horn Strobe or Speaker Strobe can be tied into FireGard BB / BV release devices to safely pre-announce closing of the fire door.

- **Horn Strobe** - ADA compliant, 24 volt DC warning devices are powered by the release device battery source to provide advanced fire door closing warning, even during a power failure.
- **Speaker Strobe** - An ADA compliant FireGard BV warning device. Provides two different voice warning messages upon activation. Messages are in English and are field selectable.



Note that Electric M100 Motor Operated Systems do not require an additional mechanical release device to respond to alarm signals from detection devices. A Horn Strobe can be utilized with the optional Battery Back Up for M100 F Series Operators. See the M100 FireGard™ Closing Systems Data Sheet for more information.

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